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COMMERCIAL DATABASE SEARCH FOR 09/259991

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*	Prepared for: Matthew Smithers, 2132	*
*		*
*	By : Ellen Lytton, EIC2700 308-7793	*
*		*
*	Date : December 12, 2000	*
*		*

Matthew:

Attached is the search you requested on the automatic encryption/decryption of documents when they are opened/closed. Please let me know if you would like to refocus or modify the search in any way.

Ellen

NOT AVAILABLE COPY

SYSTEM:OS - DIALOG OneSearch

File 16:Gale Group PROMT(R) 1990-2000/Dec 12
 (c) 2000 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2000/Dec 12
 (c)2000 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2000/Dec 12
 (c) 2000 The Gale Group
 File 636:Gale Group Newsletter DB(TM) 1987-2000/Dec 12
 (c) 2000 The Gale Group
 File 88:Gale Group Business A.R.T.S. 1976-2000/Dec 12
 (c) 2000 The Gale Group
 File 275:Gale Group Computer DB(TM) 1983-2000/Dec 08
 (c) 2000 The Gale Group

Set Items Description

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Set	Items	Description
S1	387799	(OPEN? OR CHANG? OR EDIT? OR MODIF? OR ACCESS? OR READ? OR WRIT?)(10N)(DOCUMENT? OR FILE OR FILES)
S2	1424586	AUTOMATIC? OR AUTO OR (WITHOUT OR NO OR "NOT" OR NON)(3N)(-HUMAN OR USER? ? OR OPERATOR?)(3N)(INTERVEN? OR INPUT? OR ACTION? OR ACTIVIT? OR INITIAT? OR REQUEST? OR COMMAND? OR INSTRUCTION?) OR SUBROUTINE? OR SUB()ROUTINE?
S3	183850	ENCRYPT? OR DECRYPT? OR ENCIPHER? OR DECIPHER? OR ENCYPHER? OR DECYPHER? OR CYPHER? OR CIPHER? OR CRYPT? OR SECRET()KEY?? OR KEY()VALUE? ? OR RECRYPT? OR RECIPHER? OR RECYPER?
S4	380	S1(S)S2(5N)S3
S5	506	S1(5N)S2(5N)S3
S6	327	S1(S)S2(3N)S3
S7	199	S6 NOT PD=>980507
S8	137	RD (unique items)
S9	265530	(OPEN? OR CHANG? OR EDIT? OR MODIF? OR ACCESS? OR READ? OR CLOSE? OR CLOSING OR WRIT?)(4N)(DOCUMENT? OR FILE OR FILES)
S10	229	S9(S)S2(3N)S3
S11	144	S10 NOT PD=>980507
S12	99	RD (unique items) <i>(Reviewed Titles)</i>

12/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2000 The Gale Group. All rts. reserv.

05566401 Supplier Number: 48431020 (USE FORMAT 7 FOR FULLTEXT)
AXENT Enhances Security for the Mobile Professional.
Business Wire, p04200437
April 20, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 788

... Remote Authentication Dial-In User Service (RADIUS) server functionality also lets administrators leverage Security Briefcase as the single secure remote access server solution and remote **access** management platform.

--File Encryption: Security Briefcase protects data from unauthorized access and thieves by **automatically encrypting and decrypting** sensitive files, enabling busy end users to effortlessly protect data stored on laptops. Centralized administration and automated updating of the user's security policy ensures...

12/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05489134 Supplier Number: 48316589 (USE FORMAT 7 FOR FULLTEXT)
Intrasect Technologies Announces docSpace(TM) Direct; Corporations Send Files Over the Web with docSpace Direct
PR Newswire, p225NYW062
Feb 25, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 423

... docSpace Direct "Hot" button. This hyperlinks to the docSpace engine. Users then browse their hard drive, select the file, and click "Send." The file is **automatically encrypted** and uploaded into the docSpace server. Recipients **access** the stored **file** and transaction reports by securely logging into docSpace. There is no system administration required and all the users need is a simple Web browser with ...

12/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2000 The Gale Group. All rts. reserv.

05484907 Supplier Number: 48310633 (USE FORMAT 7 FOR FULLTEXT)
Secure package deliveries.
PC Week, p006
Feb 23, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 67

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...on any platform and lets users hyperlink to the docSpace engine, upload files from their hard drives to docSpace's server and provide Web-browser **access** to the **files**. **Files** are **automatically encrypted** and stored in designated folders for download. Pricing is not yet available.

12/3,K/4 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

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05479321 Supplier Number: 48303171 (USE FORMAT 7 FOR FULLTEXT)
DataSAFE File Encryption Privacy Module for CPIC Available at Photodex Website; OEM Agreement Adds Encryption for CPIC Users.
Business Wire, p2190156
Feb 19, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 615

... together with Photodex, we have created a simple and secure solution to meet the evolving needs of this ever-expanding market."

Installation of the DataSAFE **Encryption** Module **automatically** adds a DataSAFE **encryption** option to the CPIC tool bar. From within CPIC, users simply select files to be encrypted, and click on the DataSAFE menu option to encrypt...

...the selected files may be stored on the drive, diskette, or emailed / forwarded to any recipient; the recipient needs only the password to decrypt and **access** the files .

The DataSAFE Encryption Module for CPIC will be available online February 19, 1998 through www.photodex.com . The module is only available through download from...

12/3,K/5 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05474065 Supplier Number: 48296139 (USE FORMAT 7 FOR FULLTEXT)
PC Software
Computing Canada, p35
Feb 16, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 520

... feature, password entry

CUPERTINO, Calif. -- Symantec Corp. has introduced Norton Your Eyes Only 4.1 for Windows NT, providing data protection through features such as **encryption** technology which **automatically decrypts** files when authorized users **open** them and re-encrypts them when saved or closed. The security software uses RSA's public/private key encryption technology.

In addition, an audit log...

12/3,K/6 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05452765 Supplier Number: 48267071 (USE FORMAT 7 FOR FULLTEXT)
CoSession provides protection
Edwards, Mark Joseph
InfoWorld, p42D
Feb 2, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 580

... nifty file-related features are synchronization and cloning, which keep files in sync between systems.

On the security front, CoSession provides access protection via passwords, **automatic** callback, and **encryption** , with keyboard and mouse locking features included for added protection. Users can control a wide variety of functionality and features, including limiting which components may be used during a session, limiting remote access to the mouse and keyboard, restricting remote **file** and directory **access** , and mandating

CoSession-specific users and passwords.

CoSession also sports a phone book that makes configuring and establishing remote connections a breeze. And CoSession includes...

12/3,K/7 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05304374 Supplier Number: 48075272 (USE FORMAT 7 FOR FULLTEXT)
AXENT Simplifies Security on Windows 95 Laptops and Desktop PCs.
Business Wire, p10271094
Oct 27, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 839

... system.
"Many PC security products require end users to manually encrypt and decrypt files and make other repetitive actions to ensure the safety of their files. Even though laptops are readily stolen and desktop PCs are easily accessed, many end users simply don't have the time or the diligence to manually secure files every time...

...PC," said Jim Bowerman, vice president and general manager of AXENT's Resource Management Business Unit. "AXENT's OmniGuard/EAC dramatically streamlines these efforts by automatically encrypting and decrypting files--working invisibly behind the scenes to continually secure files as end users work."

EAC/95 v. 1.4 is a powerful security management tool...

12/3,K/8 (Item 8 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05301721 Supplier Number: 48071540 (USE FORMAT 7 FOR FULLTEXT)
UK - Reflex Unveils Real-Time Win NT Encryption Software 10/23/97
Gold, Steve
Newsbytes, pN/A
Oct 23, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 449

... files saved to the logical drive with the extremely secure Blowfish algorithm.

Provided users have unlocked the encrypted Data Vault drive with the correct password, files are automatically decrypted on access. The package employs threading techniques to minimize performance overhead and works with all file types, including "zipped" archives. As far as users are concerned, the...

12/3,K/9 (Item 9 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05289125 Supplier Number: 48054410 (USE FORMAT 7 FOR FULLTEXT)
Security Dynamics' RSA SecurPC Wins Network Computing's Editor's Choice Award for Best Stored File Encryption Product
PR Newswire, p1015NEW036
Oct 15, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 728

... fulfilling elaborate reporting requirements, or spending additional

time and resources seeking additional U.S. government approvals. For users, RSA SecurPC 2.0 provides fast, transparent, **automatic encryption** full-time and offers users an intuitive way to protect sensitive data through integration with the operating system. Files encrypted with RSA SecurPC 2.0 remain encrypted until opened through an application on the network and are **automatically re-encrypted** when the file is closed. New boot lock and screen lock features, initiated once, provide users with easy, additional security for their portable computers.

"RSA SecurPC 2.0 offers new...

12/3,K/10 (Item 10 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05288722 Supplier Number: 48053975 (USE FORMAT 7 FOR FULLTEXT)
Stored File Encryption: Boiled Eggs And Scrambled Data
Carden, Philip
Network Computing, p122
Oct 15, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 3120

... from disk, as BestCrypt NP and Armor 97 do. It instead encrypts and decrypts whole files on disk automatically when a valid user attempts to **open** the file. Users are authenticated at logon time, and the authentication lasts until the user logs off-tamper-proofing is provided by means of screen-locking. Unfortunately, that means **opening** and **closing** large files is slow going when compared with BestCrypt NP and Armor 97, and the system is arguably less secure for short periods. The product also supports only smart folders, which are **automatic encryption** and **decryption** solutions, on local drives. If you want to encrypt files on a server, you must do it manually by selecting one or more files and...

12/3,K/11 (Item 11 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05243729 Supplier Number: 47994046 (USE FORMAT 7 FOR FULLTEXT)
Self-Escrow Desktop Encryption
Yasin, Rutrell
InternetWeek, p14
Sept 22, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 169

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...data are held by corporate officers who can make them available to law enforcement agencies with court orders, Sizer said. With RSA SecurPC 2.0, files remain encrypted until **opened** through an application on the network. They are **automatically re-encrypted** when closed. Available nowon Windows 95, RSA SecurPC 2.0 costs \$59.

12/3,K/12 (Item 12 from file: 16)
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05238537 Supplier Number: 47986948 (USE FORMAT 7 FOR FULLTEXT)
Security Dynamics' RSA SecurPC 2.0 Receives Approval for International Export
PR Newswire, p917NYW019
Sept 17, 1997
Language: English Record Type: Fulltext

... SecurPC 2.0 will enable secure communication with companies based outside the U.S. and Canada.

For users, RSA SecurPC 2.0 provides fast, transparent, **automatic encryption** full-time and offers users an intuitive way to protect sensitive data through integration with the operating system. Files encrypted with RSA SecurPC 2.0 remain encrypted until opened through an application on the network and are **automatically re-encrypted** when the **file is closed**. New boot lock and screen lock features, initiated once, provide users with easy, additional security for their portable computers.

Likewise, RSA SecurPC 2.0 enables...

12/3,K/13 (Item 13 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2000 The Gale Group. All rts. reserv.

04528986 Supplier Number: 46654211 (USE FORMAT 7 FOR FULLTEXT)
Encryption at your service
PC Week, p025
August 26, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 475

... the Internet. The recipient will not be required to have WebCrypto to open the file.

NetCrypto requires all users to have the application running to **open encrypted files**. The application runs in the background on client desktops, with files **automatically encrypted** before being sent over the Internet.

VirusScan also runs in the background on a PC and automatically scans for viruses on the behalf of users...

12/3,K/14 (Item 14 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04477368 Supplier Number: 46572616 (USE FORMAT 7 FOR FULLTEXT)
SYMANTEC ANNOUNCES STRONG GROWTH IN CORE PRODUCTS FOR THE JUNE 1996 QUARTER
PR Newswire, p0725SFTH041
July 25, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1786

... contact management.

Symantec announced Norton Your Eyes Only for Windows 95. Norton Your Eyes Only provides data protection through features such as "on-the-fly" **encryption** technology, that **automatically decrypts files** when authorized users **open** them and re-encrypts them when saved or closed. With the Internet used increasingly for sending confidential information, this feature is necessary to prevent unauthorized...

12/3,K/15 (Item 15 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04440626 Supplier Number: 46517324 (USE FORMAT 7 FOR FULLTEXT)
Psstt! Security Designed For Your Eyes Only
Network Computing, p54
July 1, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade

... your hard drive (new or current) as a SmartLock folder. Files already existing in this folder, and any new files added to this directory are **automatically encrypted**. If you try to **access** one of these files, it is **automatically decrypted** and presented to you. If another user tries to **access** this file and has not logged into Your Eyes Only at boot-up time, then the file appears as garbage data and the application trying to **access** the file will report an error.

When you encrypt any file or folder, you can select which user's public keys will be on the recipients list...

12/3,K/16 (Item 16 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04410277 Supplier Number: 46470352 (USE FORMAT 7 FOR FULLTEXT)
Your Eyes Only for Win 95 to ship -- Symantec Tightens Security
Computer Reseller News, n688, p086
June 17, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 156

The product features "on-the-fly" **encryption** technology that **automatically decrypts** files when the authorized user **opens** them, then re-encrypts the **files** when saved or **closed**, company officials said. A SmartLock feature provides **automatic encryption**. Thus, **users** do **not** have to remember **commands**.

Norton Your Eyes Only uses RSA Data Security's public key/private key encryption technology. The product also provides an optional bootup access control feature...

12/3,K/17 (Item 17 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04390817 Supplier Number: 46440880 (USE FORMAT 7 FOR FULLTEXT)
SYMANTEC ANNOUNCES NORTON YOUR EYES ONLY FOR WINDOWS 95
PR Newswire, p603SJM007
June 3, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 890

... Nasdaq: SYMC) today announced Norton Your Eyes Only for Windows 95. Norton Your Eyes Only provides data protection through features such as "on-the-fly" **encryption** technology, that **automatically decrypts** **files** when authorized users **open** them and re-encrypts them when saved or closed. With the Internet used increasingly for sending confidential information, this feature is necessary to prevent unauthorized...

...protect information on the computer or over the Internet becomes of utmost importance."

Foolproof Protection

Norton Your Eyes Only offers SmartLock, transparent "on-the-fly" **encryption** technology which **automatically decrypts** files when authorized users **open** them and re-encrypts them when saved or closed. Since this functionality is automatic, users do not have to remember to do these tasks and...

12/3,K/18 (Item 18 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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02122877 Supplier Number: 42753680 (USE FORMAT 7 FOR FULLTEXT)
PC Security offers starter kit
Computer Product Update, pN/A
Feb 15, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 267

... Starter Kit are independently certified under the UK government CLEF/ITSEC scheme.

The security system can be upgraded to include software-based features such as **file** access control, audit trail, **automatic file encryption**. Hardware-based features including tokens and smartcards are also available. Further virus defences are available. Security and virus protection can be managed through a central...

12/3,K/19 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
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02271616

RAINBOW TECHNOLOGIES ANNOUNCES NEW GENERATION SECURITY SYSTEM: DATASENTRY II PROTECTS SENSITIVE DATA ON PCs, LAPTOPS
News Release April 26, 1989 p. 1

... hardware keys for software and data protection on IBM and Apple Macintosh personal computers, has introduced the enhanced "DataSentry II" security system to protect PC **files** from unauthorized **access**, here at the Federal Computer Conference (FCC) (Booth #251). The low-cost DataSentry II security system, an enhanced version of Rainbow's DataSentry I system...

... transmissions. The DataSentry II system can also work in a multi level mode so that a department manager's DataSentry II Personal Access Key can **access** any staff member's **files** or the manager can assign them to another person with a different Personal Access Key. In a large organization, several department managers may come under a common director who has a higher level DataSentry II master key able to **access files** from any of the departments. Modem transmissions are secured by using two or more keys programmed with the same security algorithm and installed in PCs...

... is received for complete transmission security. Encryption and decryption of files can be automatic and totally transparent to the user. The DataSentry II's sophisticated **automatic encryption** protection keeps files sealed at all times within selected directories. The user also has the ability to protect files manually using selectable SEAL and...

12/3,K/20 (Item 2 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
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01476476

MAGNA COMPUTER CORPORATION TARGETS IBM PC/XT/AT MARKETPLACE WITH NEW PRODUCT ANNOUNCEMENT.
NEWS RELEASE (FOR FURTHER INFORMATION APPLY TO COMPANY INDEXED) June 23, 1986 p. 12

... box controller. The unique MAGNA developed back-up software utility provides an easy-to-use menu-driven system featuring full and partial disk back-up, **modified file** back-up, back-up to and from any disk/diskette drive, and file count with error check during back-up procedure. A special feature of...

... of the IBM PC system unit. Of particular interest to security conscious users is the data encryption option. All data transmitted from the cpu is **automatically encrypted** before transmission to the Winchester disk drive. Data being transmitted from the Winchester disk drive to the cpu is

decrypted during transmission to the cpu...

12/3,K/21 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

08940696 SUPPLIER NUMBER: 18624642 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Encryption at your service. (HP licenses Northern Telecom's Entrust digital certificate software, and McAfee Associates develops the Secure-1 security software for the Internet) (Company Business and Marketing)
Moeller, Michael
PC Week, v13, n34, p25(2)
August 26, 1996
ISSN: 0740-1604 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 500 LINE COUNT: 00045

... the Internet. The recipient will not be required to have WebCrypto to open the file.

NetCrypto requires all users to have the application running to open encrypted files. The application runs in the background on client desktops, with files automatically encrypted before being sent over the Internet.

VirusScan also runs in the background on a PC and automatically scans for viruses on the behalf of users...

12/3,K/22 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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08044111 SUPPLIER NUMBER: 17118483 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Empower Professional 5.0 Provides Powerful Macintosh Security Software.
Business Wire, p8080020
August 8, 1995
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 430 LINE COUNT: 00048

... new easy-to-use graphic interface, Empower Professional 5.0 provides all of the features of Magna's Empower version 5.0 security software, plus file and folder level access controls, optional guest access privileges, copy protection for files and applications, and optional automatic encryption. Empower Professional 5.0 also provides Desktop Trash Can controls. For individuals and computer networks with more simple security requirements, non-customized default settings can...

12/3,K/23 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

08002210 SUPPLIER NUMBER: 17289674 (USE FORMAT 7 OR 9 FOR FULL TEXT)
New Secure E-Mail for Microsoft Mail Users; Stoplock V Security Software Now Offers an Add-On Secure E-Mail Option.
Business Wire, p7191017
July 19, 1995
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 362 LINE COUNT: 00040

... Its modular design means that it works across operating system platforms and interfaces to third party security products. -0-

Stoplock V features include: -- System, device, file, application and directory access control -- Drive A: boot protection -- SoftHold (screen blanking) -- System and User Auditing -- Enhanced Device Protection -- inhibits the use of low level utilities -- Data encryption and key management -- Automatic file encryption through the AutoEncrypt feature -- Unlimited number of users -0-

Other features include secure data transfer, and a Secure Client

Interface (SCI) facility as well as...

12/3,K/24 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07697488 SUPPLIER NUMBER: 16407021 (USE FORMAT 7 OR 9 FOR FULL TEXT)
AT&T AND IRE LINK SECURE REMOTE ACCESS PRODUCTS
PR Newswire, p0203DC003
Feb 3, 1995
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 684 LINE COUNT: 00058

... user action, dsaSign and the AX400 create a random one-time password which is signed using DSS, guaranteeing that only the authorized user can gain **access** to the system. **Files** from users can also be digitally signed to provide undeniable proof of the identity of the message sender and to prevent modification of the data. In addition, the AX400 **automatically encrypts** the user's data using the Data Encryption Standard (DES) which prevents unauthorized parties from stealing sensitive information.

"The AT&T-IRE product combination is...

12/3,K/25 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

07595589 SUPPLIER NUMBER: 16241567 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Rating employees just got easier. (Austin-Hayne Corp's Employee Appraiser 2.01 and Avantos Performance Systems Inc's Review Writer) (Software Review) (Evaluation)
Frazier, William M.
Government Computer News, v13, n23, p32(2)
Oct 17, 1994
DOCUMENT TYPE: Evaluation ISSN: 0738-4300 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1142 LINE COUNT: 00096

... then click the mouse on OK. There's only one disk. A couple of minutes later, you'll be writing your first appraisal.

The program **documentation** is small enough to **read** in one sitting, just 90 pages with a table of contents and index. I found no obvious errors, but there were omissions. For example, I found it difficult to **decipher** how **automatically** to insert header text in modified appraisal templates. I eventually found the information in a text file on the distribution disk.

On-line help is...

12/3,K/26 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07526990 SUPPLIER NUMBER: 16263510 (USE FORMAT 7 OR 9 FOR FULL TEXT)
New apps, updates boost security. (usrEZ Software Inc's ultraSecure 3.52 and SmartStuff Software's FoolProof Desktop Security 2.0 security software) (Brief Article) (Product Announcement)
Hess, Robert
MacWEEK, v8, n38, p9(1)
Sept 26, 1994
DOCUMENT TYPE: Product Announcement ISSN: 0892-8118 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 283 LINE COUNT: 00023

... Standard (DES) encryption and a new administrative level.
ultraSecure 3.52 can track the activities of users logged onto a

file-sharing server, including which files they open, delete or copy. Because the upgrade incorporates triple DES at the Finder level, usrEZ said, anything dropped into folders marked as secure will be encrypted automatically.

A new Master Administrator security level lets administrators define settings for all computers at a site. The upgrade also supports IDE (Integrated Drive Electronics) disks...

12/3,K/27 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07509521 SUPPLIER NUMBER: 16204136 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Encryption software fends off "nosy administrators." (LAN Support Group
Inc's NetSqueeze+Encryption NLM) (Product Announcement)
Olsen, Florence
Government Computer News, v13, n16, p8(1)
July 25, 1994
DOCUMENT TYPE: Product Announcement ISSN: 0738-4300 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 632 LINE COUNT: 00049

...ABSTRACT: password, an encryption key is built for storing in server memory. User's home directory will have a private directory the files of which are automatically encrypted. The same encryption key automatically decrypts any files opened. The system administrator and individual users can both flag files for compression. NetSqueeze+Encryption shows compression ratios through command-line utilities. LAN Support Group priced...

... be held in server memory. A private directory within the user's home directory is flagged so that any files saved to the private directory automatically are encrypted by the encryption key. Any files opened are decrypted automatically by the same key.

When the user logs off, the encryption key is wiped from the server memory. Each time users log in, they must...

12/3,K/28 (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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07205417 SUPPLIER NUMBER: 15076851 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Safety Suite offers package of protection for Mac users: Claris product includes virus detection, passwords. (Claris Corp. Clear Choice) (Brief Article) (Product Announcement)
Knibbe, Willem
InfoWorld, v16, n12, p29(1)
March 21, 1994
DOCUMENT TYPE: Product Announcement ISSN: 0199-6649 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 352 LINE COUNT: 00027

... folders or files. It works seamlessly so that when a user double-clicks on an encrypted file, it prompts for the password, then unencrypts the document. When the document is closed, it is re-encrypted automatically.

Shredder offers one-, two-, or three-pass byte-by-byte data wipeouts.

Disk Locker password-protects the entire hard disk or even external drives, and...

12/3,K/29 (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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06181139 SUPPLIER NUMBER: 13035553 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Novell casts a wider net. (Novell Inc.'s NetWare version 4.0 network

operating system) (includes related articles on cooperation between Novell and Banyan Systems Inc., Novell's wide-area network strategy, and Novell Pres and CEO Raymond J. Noorda) (Cover Story)

McCusker, Tom

Datamation, v38, n24, p28(7)

Dec 1, 1992

DOCUMENT TYPE: Cover Story ISSN: 1062-8363

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3212 LINE COUNT: 00252

... in once to the entire network, instead of having to log in to the local server and then to a remote server when wishing to **access** a file stored on that remote system. There are still two log-ins but the second one is invisible to the user. When a remote server must be accessed, NDS **automatically** generates an **encrypted** log-in and set of access parameters. There are transmitted across the network to the remote server, where, if the log-in has been granted authorization to see information or **change** a file, NDS **opens** that file to the user.

As the technical basis for this transparent verification Novell licenses a private and public encryption system from RSA Data Security Inc. of...

12/3,K/30 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05850545 SUPPLIER NUMBER: 12212615 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Norton Utilities for Mac 2.0: a winner; Symantec enhances find routing, adds backup module. (Symantec Corp.'s file management software for Apple's Macintosh microcomputer) (Software Review) (PC Week Labs First Look) (Evaluation)

Bethoney, Herb

PC Week, v9, n18, p22(1)

May 4, 1992

DOCUMENT TYPE: Evaluation ISSN: 0740-1604

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 626 LINE COUNT: 00048

... the DES encryption option, in 13.2 seconds. Encrypt requires a password to encrypt and decrypt a file, a folder or a whole disk. To **open** the encrypted file, PC Week Labs double-clicked on the file and supplied the password, and the program **automatically** **decrypted** the file.

Now that SUM II has been incorporated into NUM 2.0, Symantec is dropping the package from its line; registered NUM 1.1...

12/3,K/31 (Item 11 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05831187 SUPPLIER NUMBER: 12023690 (USE FORMAT 7 OR 9 FOR FULL TEXT)

How to secure a portable PC. (PCs & Workstations: Security) (Tutorial)

Francis, Bob

Datamation, v38, n6, p43(2)

March 15, 1992

DOCUMENT TYPE: Tutorial ISSN: 1062-8363

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1361 LINE COUNT: 00109

... under Big Blue's Systems Application Architecture (SAA) standard. Differing only in terms of the type of data encryption offered, both versions of Triumph! feature **automatic** **encryption**, multiple levels of user authorization, **file** -level **access** control and compatibility with most LANs. A Windows version is scheduled for the

12/3,K/32 (Item 12 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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05115648 SUPPLIER NUMBER: 10432851 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Get a glimpse of the products companies will parade. (Federal Office
Systems Expo 1991; includes related article on exhibition speeches)**
Government Computer News, v10, n5, p82(7)
March 4, 1991
ISSN: 0738-4300 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 3965 LINE COUNT: 00331

... 506-9800.

Fisher International Systems will show the updated, \$295 Watchdog 6.0 security package for IBM PCs and compatibles. Features include password access control; **encryption** algorithms for **automatic** and transparent data **encryption**; multiple **file** permission levels -- execute, **read**, **write**, create, delete and MS-DOS access; audit trails; and control of hard-drive utilities.

Fisher International Systems Corp., 4073 Merchantile Ave., Naples Fla. 33942; tel...

12/3,K/33 (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

05110402 SUPPLIER NUMBER: 10423837 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Networked PCs cause data security headache.
Craig, Peter
Computer Dealer News, v7, n3, p70(1)
Feb 7, 1991
ISSN: 1184-2369 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1468 LINE COUNT: 00116

... procedure using an owner identifier and password provides a second level of security.

A third level of security is provided by a proprietary algorithm to **automatically encrypt /decrypt** data files and sub-directories on individual PCs. Only the owner of that key, or his or her manager holding a master key, can decrypt, or **open**, the **files** protected in this manner. In fact, this encrypting/decrypting process is completely invisible to the key owner as the data displayed is always in clear...

12/3,K/34 (Item 14 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05101995 SUPPLIER NUMBER: 09753805 (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Downsizing accounting applications: data integrity is key consideration
when downsizing to PC based LANs. (includes related article on guides to
selecting accounting packages) (buyers guide)**
Dayton, Doug
PC Week, v8, n2, p105(2)
Jan 14, 1991
DOCUMENT TYPE: buyers guide ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1488 LINE COUNT: 00129

...ABSTRACT: the expense of overall system performance, but most users are willing to put up with the performance decrease caused by password security, validation, data checking, **automatic** recovery and file **encryption**. A LAN accounting system must maintain a multilevel DBMS architecture that is fault-tolerant; distributed client/server systems provide physical, logical, process and media fault tolerance. Most network accounting systems include security features such as encryption systems encrypt data **files** to protect against unauthorized **access** and let network administrators perform audits to monitor user access. Specific

products are discussed.

12/3,K/35 (Item 15 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05082898 SUPPLIER NUMBER: 09771333 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Magna Empowers managers with local security control. (Empower III data center management software) (product announcement)
Norr, Henry
MacWEEK, v5, n2, p19(2)
Jan 15, 1991
DOCUMENT TYPE: product announcement ISSN: 0892-8118 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 399 LINE COUNT: 00031

... option to encrypt selected files in Data Encryption Standard (DES) format. Empower II already includes the DES option, in addition to a proprietary algorithm that **automatically encrypts data files** as they are **written** to disk and transparently decrypts them when they are opened by a user with access privileges.

Empower I and II versions 4.0 will retain...

12/3,K/36 (Item 16 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

04902285 SUPPLIER NUMBER: 09654495 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Individual access control will secure data in a network.
Craig, Peter
Computing Canada, v16, n23, p71(1)
Nov 8, 1990
ISSN: 0319-0161 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1280 LINE COUNT: 00100

... procedure using an owner identifier and password provides a second level of security.

A third level of security is provided by a proprietary algorithm to **automatically encrypt /decrypt** data files and sub-directories on individual PCs. Only the owner of the key, or his or her manager holding a master key, can decrypt, or **open**, the **files** protected in this manner. In fact, this encrypting/decrypting process is completely invisible to the key owner as the data displayed is always in clear...

12/3,K/37 (Item 17 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04609197 SUPPLIER NUMBER: 08616556 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Crimestoppers. (Software Review) (Visitec PC Boot, Computer Security PC Guard, PC Security Stoplock IV security software) (evaluation)
Kendrick, Nigel
PC User, n134, p83(3)
June 6, 1990
DOCUMENT TYPE: evaluation ISSN: 0263-5720 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2732 LINE COUNT: 00204

... different in implementation, to that of Stoplock's. It consists of a battery-backed card and a security environment that controls user names and passwords, **auto** or manual **file encryption** and **access** to the serial, parallel and floppy disk devices.

Unlike Stoplock, though, PCBoot offers no specific protection for floppy disk-based programs and data, apart from...

12/3,K/38 (Item 18 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2000 The Gale Group. All rts. reserv.

04521167 SUPPLIER NUMBER: 08155848 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Three ways to protect high-tech investments: trio of backup software packages protects against loss of data. (SoftSafe from Software Directions Inc., Protec from Sophco Inc. and Watchdog from Fischer International Systems Corp.) (Software Review) (evaluation)
Todd, Alex
Computing Canada, v16, n3, p28(2)
Feb 1, 1990
DOCUMENT TYPE: evaluation ISSN: 0319-0161 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1253 LINE COUNT: 00101

... of four logically-defined user columns, by highlighting it with the cursor. The user is then asked for the corresponding password in order to gain **access** to the system.

Confidential **files** can be stored in private subdirectories which are not accessible by other users. However, **automatic encryption** of these files is not an integral feature. Encryption is manually activated by default, while **automatic encryption** requires a separate, somewhat cryptic procedure that is not part of the initial installation.

Restricted access to floppy diskette drives is provided as part of...

12/3,K/39 (Item 19 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04151635 SUPPLIER NUMBER: 07962302 (USE FORMAT 7 OR 9 FOR FULL TEXT)
ISAC's encryption features keep lock on files. (Software Review) (Isolation Systems Ltd.'s ISAC 3200 1.45 DES encryption system) (evaluation)
McCormick, John
Government Computer News, v8, n25, p22(1)
Dec 11, 1989
DOCUMENT TYPE: evaluation ISSN: 0738-4300 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 497 LINE COUNT: 00037

... on the computer is carried out exactly the same way as under normal MS-DOS operation. There may be a slight performance drop during any **read / write** operation because every **file** now is **encrypted** and **decrypted automatically** each time it is accessed.

The ISAC system adds extra system files to every encrypted disk, encrypting the File Allocation Table and the directory.

The...

12/3,K/40 (Item 20 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04132153 SUPPLIER NUMBER: 07773356 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Performance still suffers with dBase IV for LANs. (Local area networks) (Software Review) (evaluation)
Stephenson, Peter
Government Computer News, v8, n21, p32(2)
Oct 16, 1989
DOCUMENT TYPE: evaluation ISSN: 0738-4300 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1102 LINE COUNT: 00083

... fair amount of security is built into dBase IV when PROTECT is invoked. The levels of security available are global access to dBase IV, specific **access** to data **files** and fields and **automatic encryption**

and **decryption** of data.

DBase IV for LANs has a long way to go in terms of performance and use of resources. Although this is a new...

12/3,K/41 (Item 21 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04111894 SUPPLIER NUMBER: 07646714 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Hardware and software keep your PC data safe.
Terry, Chris
EDN, v34, n18, p61(6)
Sept 1, 1989
ISSN: 0012-7515 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3451 LINE COUNT: 00273

... such as reading, changing, or deleting data files or formatting the disk to destroy all data.

A software package that erects effective barriers against unauthorized **access** to the **files** stored in a shared PC is Fischer's Watchdog (\$295). On IBM PCs or compatibles, software-protection packages are usually installed on the hard disk...

...for the system, for each directory area, and for each user. He can also designate certain directory areas as "secure;" files in secure areas are **automatically encrypted**, using the company's proprietary encryption algorithm.

Furthermore, Watchdog can deny such dangerous commands as FORMAT to all except the most privileged user. As an...

12/3,K/42 (Item 22 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04064557 SUPPLIER NUMBER: 07702371 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Securing CD-ROMs and the microcomputer environment.
Ang, Soon; Straub, Detmar
Laserdisk Professional, v2, n4, p18(6)
July, 1989
ISSN: 0896-4149 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2941 LINE COUNT: 00238

... the system concurrently. Security features of purchased, special software, designed to protect PCs from unauthorized use, should include passwords to access the computer and restrict **access** to **files** and/or programs to specific authorized individuals. More advanced features will create log files of system use and **automatically encrypt** and **decrypt files**.

Access Control Software

There are presently numerous aids to provide safe and effective microcomputer logging. Examples of such aids are Watchdog from Fischer International Systems, Lockit...

12/3,K/43 (Item 23 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04042243 SUPPLIER NUMBER: 07722414
The wake-up call comes. (Data Stream) (column)
Nolle, Thomas
Computerworld, v23, n40, p47(2)
Oct 2, 1989
DOCUMENT TYPE: column ISSN: 0010-4841 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: Computer Security Act of 1987 mandates that 1992, a computer system or network must be certifiable as secure in four areas: user identification/authentication, **access** control and **file** security, transmission security and management security. In response to these federal requirements, local area network (LAN) vendors are developing software that support central data bases of users with associated access rights data. An example of a secure product is Digital Communications Associates' 10Net Secure LAN. The product offers transparent, **automatic encryption** and **decryption** using the ANSI Data Encryption Standard and the Federal Information Processing Standard.

12/3,K/44 (Item 24 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03928091 SUPPLIER NUMBER: 07733147 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Secret Disk II: for secure files. (computer software) (evaluation)
Harter, Stephen P.
Information Today, v6, n6, p17(2)
June, 1989
DOCUMENT TYPE: evaluation ISSN: 8755-6286 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 1041 LINE COUNT: 00078

... disk operations.

A secret disk drive is a virtual disk drive controlled by a DOS device driver. A secret disk is stored as a hidden, **read /only**, system **file** stored in the root directory of a hard or floppy disk. Secret disks are analogous to floppy disks: when a secret disk is inserted into a secret drive, the device driver interacts with the hidden file just as if it were a disk. In addition, the driver encrypts and **decrypts** all data **automatically** as it is written to and read from the secret disk.

To access a file on a secret disk, one must first run the SuperDisk
...

12/3,K/45 (Item 25 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03923636 SUPPLIER NUMBER: 07314048 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Hardware security device protects grid laptops.
Hosinski, Joan M.; Morgan, Cynthia
Government Computer News, v8, n11, p16(1)
May 29, 1989
ISSN: 0738-4300 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 552 LINE COUNT: 00043

... a laptop, which in my mind is a big step forward."

The Compsec-II-G15 module, the cartridge equivalent of an IBM AT half-card, **automatically encrypts files** on **SAVE** and **READ** functions. Users log on with personal start-up files and can be prevented from accessing the laptop during certain time periods.

The security system guards...

12/3,K/46 (Item 26 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03910421 SUPPLIER NUMBER: 07258510 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Free Empower upgrade provides added security. (Magna's data security software system) (product announcement)
MacWEEK, v3, n19, p30(1)
May 9, 1989
DOCUMENT TYPE: product announcement ISSN: 0892-8118 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 89 LINE COUNT: 00007

... a major new feature that gives users the option of preventing start-up of the Mac from all floppy disk drives. Empower is a Startup document (INIT) that provides AppleSharestyle access restrictions and automatic encryption and decryption.

Magna is located at 2540 N. First St., Suite 302, San Jose, Calif. 95131; (408) 433-5467.

12/3,K/47 (Item 27 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03302184 SUPPLIER NUMBER: 06060709 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Novell and Micronyx announce agreement.
PR Newswire, LA14R
Nov 4, 1987
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 553 LINE COUNT: 00046

... NetWare's operating environment. Immediate customer benefits include: a common login for the PC and the local area network; a common, secure method of controlling file access based around Micronyx' encryption technology; automatic encryption of all data transferred between the PC and file server; and the ability to centrally administer security devices attached to the network's file server...

12/3,K/48 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2000 The Gale Group. All rts. reserv.

01071814 Supplier Number: 40364373 (USE FORMAT 7 FOR FULLTEXT)
FISCHER INTERNATIONAL'S WATCHDOG RELEASE 5.0 BROADENS PC DATA SECURITY FEATURES FOR SYSTEM ADMINISTRATION
News Release, pN/A
April 25, 1988
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 835

... foremost PC data security program used in both the business and Government markets. It effectively integrates security features such as ID and password access control; automatic data encryption which is transparent to users; multiple file access levels; multiple user permission levels; and audit trails for logging all system and user activity. The program can be used on the IBM PC XT...

12/3,K/49 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03873642 Supplier Number: 48458210 (USE FORMAT 7 FOR FULLTEXT)
-AXENT: AXENT enhances security for the mobile professional
M2 Presswire, pN/A
May 1, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 788

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...Remote Authentication Dial-in User Service (RADIUS) server functionality also lets administrators leverage Security Briefcase as the single Secure

remote access server solution and remote access management platform. --
File Encryption: Security Briefcase protects data from unauthorised access and thieves by **automatically encrypting and decrypting** sensitive files, enabling busy end users to effortlessly protect data stored on laptops. Centralised administration and automated updating of the user's security policy ensures...

12/3,K/50 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03865513 Supplier Number: 48426534 (USE FORMAT 7 FOR FULLTEXT)
-AXENT: PCShield from Axent keeps confidentials confidential - on the move or in the office
M2 Presswire, pN/A
April 16, 1998
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1212

... offers the easiest and most seamless PC protection available for organisations with hundreds of Windows NT systems.

PCShield uses AXENT's proven IntelliCrypt technology to **automatically encrypt and decrypt** information for end users running Windows 95 or NT. According to installation-specific rules, the IntelliCrypt system automatically protects newly created **files** from unauthorised **access** anywhere they are created or saved. This non-invasive protection remains with the file wherever it goes, anywhere on the network. The end user need ...

12/3,K/51 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03732857 Supplier Number: 48070361 (USE FORMAT 7 FOR FULLTEXT)
REFLEX MAGNETICS: Reflex launches "on the fly" hard disk encryption for Windows NT users
M2 Presswire, pN/A
Oct 23, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 580

... files saved to the logical drive with the extremely secure Blowfish algorithm. Provided users have unlocked the encrypted Data Vault drive with the correct password, **files are automatically decrypted on access**. The package employs threading techniques to minimise performance overhead and works with all file types, including "zipped" archives. As far as users are concerned, the...

12/3,K/52 (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

03634693 Supplier Number: 47827653 (USE FORMAT 7 FOR FULLTEXT)
SECURE BACKUP SYSTEMS: Industry highly commends automatic secure backup service
M2 Presswire, pN/A
July 11, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 266

... which manages and backs up data via an ISDN or normal telephone lines, storing it safely in an off-site data vault. Overnight new and

changed files are automatically encrypted and compressed before transmission to the SBS repository where all versions of backed up files are held on-line on mirrored optical disks. Because it...

12/3,K/53 (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03602261 Supplier Number: 47457465 (USE FORMAT 7 FOR FULLTEXT)
NEW NT DISK ENCRYPTION PACKAGE INTRODUCED
Telecomworldwire, pN/A
June 11, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 106

... disk encryption system for Windows NT. SeNtry 2020 is designed to create a virtual drive which is completely transparent to the user so that all files written to the virtual drive are automatically encrypted and can only be decrypted by the authorised user with the correct password. SeNtry 2020 can be used on any amount of networked PCs and...

12/3,K/54 (Item 6 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03601578 Supplier Number: 47456132 (USE FORMAT 7 FOR FULLTEXT)
MIS EUROPE: MIS Europe launches SeNtry 2020 --Realtime disk encryption for Windows NT
M2 Presswire, pN/A
June 10, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 416

... 160-bit cyphering systems, SeNtry 2020 creates a virtual drive (an encrypted file on the hard disk) which is completely transparent to the user. All files written to the virtual drive are automatically encrypted and can only be decrypted by the authorised user with the correct password. (The encrypted drives are secured by randomly generated 1024-bit keys.) All...

12/3,K/55 (Item 7 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03548245 Supplier Number: 47336611 (USE FORMAT 7 FOR FULLTEXT)
WINDOWS 95 SECURITY FROM PCSL
Telecomworldwire, pN/A
April 29, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 93

... v2.0 features a configuration wizard, an installation toolkit, increased efficiency, improved network performance, enhanced password checking, a high level of information protection, a system access control, audit functions, file and application controls, enhanced boot protection and automatic file encryption. Stoplock 95 v2.0 is now available for a single user list price of GBP195.

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12/3,K/56 (Item 8 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03289941 Supplier Number: 46759692 (USE FORMAT 7 FOR FULLTEXT)
AXENT TECHNOLOGIES SHIPS VERSION 4.2 OF ITS ESM FOR NT MANAGER
PCNetter, v11, n10, pN/A
Oct 1, 1996
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 252

... PC adds "C2 level" security to DOS, Windows 3.x, and Windows 95 desktop and notebook computers. EAC/PC security features include boot protection, discretionary **access** controls, **automatic** and transparent **file encryption**, secure deletion, auditing, and centralized user administration.

Pricing has been set at \$1,995 for the ESM for NT Manager, \$995 for the ESM agent...

12/3,K/57 (Item 9 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03170264 Supplier Number: 46494003 (USE FORMAT 7 FOR FULLTEXT)
REFLEX MAGNETICS: Reflex unveils new disknet family' of PC security programs
M2 Presswire, pN/A
June 26, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1278

... Encryptor allows users to create a password-protected virtual' disk drive of up to 2.0GB capacity. Users simply select a suitable drive name, and **encryption** is performed **automatically** and transparently. Data **Encryptor**'s symmetrical **encryption** technique **automatically encrypts** anything saved to the virtual drive (including zipped' archives), and decrypts it on access. There's no need to select individual **files** either for **writing** to, or reading from, the virtual disk.

Running Data Encryptor does not incur significant performance overhead, and its 64-bit key encryption technology is far...

12/3,K/58 (Item 10 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03038950 Supplier Number: 46204278 (USE FORMAT 7 FOR FULLTEXT)
ALLIANCE SALES: Internationally approved network management tool launched at Infosec
M2 Presswire, pN/A
March 6, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 917

... Private Folder can be used by virtually any size of user base or company.

When files are entered into a user-defined folder they are **automatically encrypted**. This means that users wanting access to them must identify themselves by name and password. If dual access is required, folders can be created that allows **files** to be **read** by a combination of users. Prior to the launch of Private Folder, this facility was not available on the PC market in such a simple...

12/3,K/59 (Item 11 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2000 The Gale Group. All rts. reserv.

03008898 Supplier Number: 46139290 (USE FORMAT 7 FOR FULLTEXT)
REFLEX: Reflex casts its disknet further with Version 4.0
M2 Presswire, pN/A
Feb 12, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 669

... addition to the multi-layered solution. Reflex have developed a virtual drive using a device driver which means that the encryption is performed transparently. As **files** are **accessed** they are **automatically encrypted** and **decrypted**. The drive is secured through password and two powerful ciphering systems with 64-bit keys, thus protecting confidential data even if a PC is stolen...

12/3,K/60 (Item 12 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

02588911 Supplier Number: 45233405 (USE FORMAT 7 FOR FULLTEXT)
MARKETPLACE
Computer Fraud & Security Bulletin, pN/A
Jan, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 517

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...over the previous versions include: Key-holder file sharing, enhanced key management and new installation. Key-holder file sharing allows several key-holders to share **access** to individual encrypted **files**. Shared **access** to encrypted data requires each user to know the encryption key. Users key databases are now **automatically encrypted** and password protected. The use of 'immediate' keys (i.e. keys not stored in a database) has been extended and made more secure. The installation...

12/3,K/61 (Item 13 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

02309152 Supplier Number: 44482312 (USE FORMAT 7 FOR FULLTEXT)
DEC OSF/1 GETS READY FOR PRIME TIME
Terry Shannon on DEC, v13, n3, pN/A
March 1, 1994
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 2089

... are the implications of TNFS? First and foremost, the new file system should enable Digital to address some of the shortcomings inherent in the existing **OpenVMS** file system. For example, to enable transparent file interoperability across multiple platforms, TNFS may include a file naming system that provides consistent, unique mapping for filenames...

...locate the file at its new address. This capability is deemed a prerequisite to Digital's planned File Shelving and Media Management utilities. Provisions for **automatic** encrypt-on **-write /decrypt -on-read**, file -level password protection, and automatic data compression also are among potential TNFS features.

Finally, while the step-by-step "phased deployment" of OpenVMS operating system...

12/3,K/62 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2000 The Gale Group. All rts. reserv.

04707967 SUPPLIER NUMBER: 20502973 (USE FORMAT 7 OR 9 FOR FULL TEXT)
What's New in Windows NT. (Microsoft Windows NT 5.0) (Product Information)
Poulsen, Tim
PC Magazine, v17, n7, p239(1)
April 7, 1998
ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2705 LINE COUNT: 00210

... right-click on a file or folder and choose Encrypt. Your files are encrypted using the DES algorithm and your private key. Your files are **automatically decrypted** when loaded into your applications, provided you are the one **accessing the files**. Other users cannot decrypt your **files** or **read** your data. This transparency is possible because EFS is implemented as a file system driver that sits between the I/O Manager and the NTFS...

12/3,K/63 (Item 2 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
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04121345 SUPPLIER NUMBER: 18959004 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Psst! Keep a secret? (Symantec's Norton Your Eyes Only; Pretty Good Privacy's PGP for Windows, Business Edition; AT&T's SecretAgent; and RSA's SecurPC for Windows 95 data encryption software) (includes related articles on the editors' choice, and on the performance tests) (Software Review) (Evaluation)
Munro, Jay
PC Magazine, v15, n22, p45(4)
Dec 17, 1996
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3066 LINE COUNT: 00247

... t even know YEO is there; the only telltale sign is that opening large files takes a few seconds.

The program's SmartLock folders are **automatically decrypted** when opened and encrypted when closed. We set up a directory of encrypted .DOC files and **accessed** them with Microsoft Word without having to decrypt them first. If someone tries to view the files without logging on to YEO, the files stay...PGP works with Clipboard text--the only product of the four we looked at that could.

When you encrypt or decrypt material, the results are **written** to a temporary file and displayed in a viewer. Notepad is the default editor, but you can specify any Windows text editor. And you can augment security by **automatically** compressing files before **encryption**. When PGP encrypts a file, it creates a new file with an .ASC extension; the user can set the program to delete the original.

After...

12/3,K/64 (Item 3 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
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03480514 SUPPLIER NUMBER: 16187676 (USE FORMAT 7 OR 9 FOR FULL TEXT)
R:BASE Plus. (version 4.5) (Microrim Inc) (Software Review) (one of 10 evaluations of DBMS development software in "Developer Databases Serious Solutions") (Evaluation)
Salemi, Joe
PC Magazine, v13, n15, p223(2)
Sept 13, 1994
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1288 LINE COUNT: 00104

...ABSTRACT: enhanced forms-design and browsing tools. Each database is stored as three files: a data dictionary, the actual data and the indexes. Database files are **automatically encrypted** and cannot be accessed without R:BASE itself or a compatible utility. The program imports and exports ASCII, DBF and WKS files and includes direct support for **access to DBF Files**. R:BASE has a powerful native command language based on an enhanced version of SQL. A Smart Query Optimizer improves query speed using statistical and...

12/3,K/65 (Item 4 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
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03480508 SUPPLIER NUMBER: 16187598 (USE FORMAT 7 OR 9 FOR FULL TEXT)
dBASE IV. (version 2.0) (Borland International) (Software Review) (one of 10 evaluations of DBMS development software in "Developer Databases Serious Solutions") (Evaluation)
Perley, Arthur
PC Magazine, v13, n15, p196(2)
Sept 13, 1994
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1308 LINE COUNT: 00105

... dBASE still provides a high level of security compared with other PC-based packages. With the PROTECT command, the administrator can assign system log-ons, **file -level** and **field-level access**, and **automatic data encryption**. In SQL Mode, the administrator can use standard SQL GRANT and REVOKE commands

12/3,K/66 (Item 5 from file: 88)
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02910406 SUPPLIER NUMBER: 11740124 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Crime stoppers. (data security strategies) (includes related article on Ziff/Net Mac security shareware and freeware) (Buyers Guide)
Wasson, Gregory
MacUser, v8, n3, p112(8)
March, 1992
DOCUMENT TYPE: Buyers Guide ISSN: 0884-0997 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1868 LINE COUNT: 00196

... 249 comprehensive security product from ASD Software, has long been a favorite of MacUser editors. It offers tremendous ease of use, almost totally transparent operation (**automatic encryption**, for example), and the convenience of adding its own menu to the menu bar. FileGuard the administrator create users and groups, set folder/**file access**, and enable or disable most activities for individual users (see Figure 4). It also lets you copy-protect applications, so pirated copies won't work...

12/3,K/67 (Item 6 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
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02440325 SUPPLIER NUMBER: 08293096 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Advanced Security, DiskLock, FileGuard. (Software Review) (three data-security utilities for the Macintosh) (evaluation)
Wasson, Gregory
MacUser, v6, n5, p97(2)
May, 1990
DOCUMENT TYPE: evaluation ISSN: 0884-0997 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract
WORD COUNT: 702 LINE COUNT: 00078

... when first using the computer. This approach requires some preparation and an administrator responsible for maintaining the user list and assigning passwords.

In terms of **encryption**, FileGuard **automatically** asks if you want to encrypt a file when you first save it from within the creating program. There is no need to start up...

...then process files (except for files created before you installed FileGuard). Files can also be locked or made invisible. FileGuard does not support DES. You **open** encrypted files by double-clicking and entering a password. The program maintains a detailed user log for each file.

In addition to file and drive protection, FileGuard boasts...

12/3,K/68 (Item 7 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
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02082573 SUPPLIER NUMBER: 07042945 (USE FORMAT 7 OR 9 FOR FULL TEXT)
PC advisor.
Desposito, Joe
PC Magazine, v7, n19, p27(2)
Nov 15, 1988
ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 849 LINE COUNT: 00079

... to start you wondering.)

If data security is really what you are aiming for, you might consider purchasing a security program that will protect your files from unauthorized **access**. A new product on the market that provides security for your files is SoftSafe from Software Directions (1572 Sussex Tpk., Randolph, NJ 07869; (201) 584-8466). SoftSafe **automatically encrypts** data stored in secured directories and has the ability to lock the keyboard of an unattended computer. SoftSafe uses passwords to identify users, allowing only...

12/3,K/69 (Item 8 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2000 The Gale Group. All rts. reserv.

02072711 SUPPLIER NUMBER: 06999033 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tech releases, Peripherals. (product announcement)
PC Tech Journal, v6, n10, p42(2)
Oct, 1988
DOCUMENT TYPE: product announcement ISSN: 0738-0194 LANGUAGE:
English RECORD TYPE: Fulltext
WORD COUNT: 883 LINE COUNT: 00086

... s data-security software for the IBM PC and PS/2 models and compatibles is available. Watchdog 5.0 integrates ID and password access control, **automatic data encryption** transparent to users, multiple file **-access** and user-permission levels, and audit trails for logging all system and user activity. Version 5.0 features an execute-permission option that allows users...

12/3,K/70 (Item 9 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
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01946242 SUPPLIER NUMBER: 04781687 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Security strategies: hardware protection for PCs. (includes related articles on how to keep computer data secure) (evaluation)
Aarons, Richard; Raskin, Robin

April 28, 1987

DOCUMENT TYPE: evaluation

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 4053

LINE COUNT: 00394

... another. That way the thief or tamperer won't be able to sneak a board off the premises for decoding.

Most software programs encrypt your **file** after you've **written** it. Some hardware also encrypts on a file level, but because encryption on chips take so little time, they can encrypt and decrypt "on the fly." With this system, every time your program writes to disk, the data is **automatically encrypted**, and every time it reads from disk, the data is decrypted. This method is obviously more secure than **writing** a normal **file** out to disk, encrypting it, and then decrypting the whole thing when you want to work on it. With integral encryption, the only time the...

12/3,K/71 (Item 10 from file: 88)

DIALOG(R)File 88:Gale Group Business A.R.T.S.

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01820814 SUPPLIER NUMBER: 04332486 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Protection from prying eyes. (software security) (evaluation)

Taylor, Jared

PC Magazine, v5, p213(6)

Sept 16, 1986

DOCUMENT TYPE: evaluation

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 3079

LINE COUNT: 00283

... good way to prevent employees from pirating software.

If you're really worried about data security, you can set up Protec so that it encrypts **files** as it **writes** them. They are never on disk as plain text; they have to be **decrypted automatically** when they are read. Setting up this feature requires some sophistication and patience, and unfortunately the manual's explanation is not as clear as it...all you need, since HFTools is capable of only a few vital security functions.

HFTools is not a DOS shell. It lacks e-mail, audit **files**, **automatic encryption**, restricted DOS **access**, or any of that fancy stuff. It's simply a small utility that hides files or directories from DOS. When you want to work with...

12/3,K/72 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02167862 SUPPLIER NUMBER: 20337567 (USE FORMAT 7 OR 9 FOR FULL TEXT)

RSA SecurPC lets you safely take your business with you! (Security Advisor supplement) (Software Review) (Evaluation)

Databased Web Advisor, v16, n3, pS44(2)

March, 1998

DOCUMENT TYPE: Evaluation

ISSN: 1090-6436

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1185

LINE COUNT: 00097

...ABSTRACT: a password before encrypting any files. There is a useful AutoCrypt feature that lets the user define sets of files, directories and folders that are **automatically encrypted** and **decrypted** at startup or shutdown. SecurPC does not handle E-mail, and its private-key technology demands a secure channel. Administrators can recover encrypted files if a user loses a password or preference **files** with the Emergency **Access** key, which can be split into parts to require multiple trustees.

12/3,K/73 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02166613 SUPPLIER NUMBER: 20085999 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Strictly confidential. (five encryption software packages reviewed)
(Software Review) (Evaluation)
Haskin, David
Computer Shopper, v18, n1, p344(3)
Jan, 1998
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2471 LINE COUNT: 00205

... password before you can access encrypted files.
You can designate any Windows 95 folder as a SmartLock folder. After you do so, Your Eyes Only **automatically encrypts and decrypts** files stored there when you **open** and close them with your regular applications. You can also encrypt individual files located in any folder. A thief could move those **files**, but could not **read** them without a password.
To encrypt files or folders, you right-click on them in Windows Explorer and use options that appear in the pop...

12/3,K/74 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02134634 SUPPLIER NUMBER: 19960887 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Magnetic Press overhauls copyright-protection software. (FileOpen Systems' PDF authoring kit) (Product Announcement)
Seybold Report on Internet Publishing, v2, n3, p39(1)
Nov, 1997
DOCUMENT TYPE: Product Announcement LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 445 LINE COUNT: 00036

TEXT:

At Seybold Seminars New York last spring, we found Magnetic Press showing an Acrobat plug-in called KeyChain, which **automatically** managed the **encryption** keys for protected PDF documents (Vol. 1, No. 9). The KeyChain creator tool encrypts a file and places a Digital Object Identifier (DOI) in the **file** header. Later, the **reader** tool uses the DOI to find the right decryption key, either on your local disk or on a commerce server on the Net.

12/3,K/75 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02113751 SUPPLIER NUMBER: 19922422 (USE FORMAT 7 OR 9 FOR FULL TEXT)
UK - Reflex Unveils Real-Time Win NT Encryption Software.
Newsbytes, pNEW10230063
Oct 23, 1997
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 465 LINE COUNT: 00040

... files saved to the logical drive with the extremely secure Blowfish algorithm.

Provided users have unlocked the encrypted Data Vault drive with the correct password, **files** are **automatically decrypted** on **access**. The package employs threading techniques to minimize performance overhead and works with all file types, including "zipped" archives. As far as users are concerned, the...

12/3,K/76 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02084785 SUPPLIER NUMBER: 19592746 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Dr. Solomon's e-mail-vir~~us~~ killer. (Dr. Solomon's Software Dr. Solomon's MailGuard add-on) (Protect Your PC from Infected E-Mail) (Software Review) (Evaluation)

Moller, Arie

Windows Sources, v5, n8, p68(2)

August, 1997

DOCUMENT TYPE: Evaluation ISSN: 1065-9641

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 648 LINE COUNT: 00056

... default in the quarantine area, pending an administrator's approval to let them go. Unfortunately, MailGuard has a chink in its armor: It can't **open** encrypted files for scanning. And there's no way to modify this procedure. You do, however, have the unattractive option of **automatically** passing through **encrypted** attachments without scanning them.

We configured MailGuard from its IMS Console screen, which we accessed from the Control Panel, and we set up its logging...

12/3,K/77 (Item 6 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02082524 SUPPLIER NUMBER: 19585740 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Judge games by their socks. (Ask Kim Komando) (Question and Answer) (Column)

Komando, Kim

Computer Life, v4, n8, p126(2)

August, 1997

DOCUMENT TYPE: Column ISSN: 1076-9862

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1902 LINE COUNT: 00140

... choose a password, and select the files that you want encrypted.

Now, unless you have the password to the file, all you see when the **file opens** is a bunch of garbage characters. Your Eyes Only supports "on-the-fly" encryption; files are **automatically decrypted** when authorized users open them and re-encrypted when the **files** are saved or **closed**.

Your Eyes Only integrates with Windows 95 Explorer and makes encrypting and decrypting files as easy as clicking on the file name. If you're...

12/3,K/78 (Item 7 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02073929 SUPPLIER NUMBER: 19379865 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Data security for mobile and remote users. (includes directory of remote access devices, remote control and encryption software) (Technology Information)

Cobb, Stephen

Databased Web Advisor, v15, n5, p68(4)

May, 1997

ISSN: 1090-6436 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2717 LINE COUNT: 00210

... before you can even run the program).

Another level of encryption is a designated area on the hard disk, in which all stored files are **automatically encrypted**. This is possible with programs like Utimaco's Safe Guard Easy products that perform on-the-fly encryption. In other words, encryption and decryption are part of the normal **file save** and **open** process. This can be more convenient because constant entering of passwords isn't required. Then again, if the master password is compromised, the attacker may...

12/3,K/79 (Item 8 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
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01996411 SUPPLIER NUMBER: 18794681 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tales from the encrypt. (Symantec's Norton Your Eyes Only encryption and access-control software for Windows 95) (Software Review) (Evaluation)
Goodman, Ben
Computer Shopper, v16, n11, p414(1)
Nov, 1996
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1073 LINE COUNT: 00085

...ABSTRACT: activated. Folders selected in the Windows 95 Explorer can be designated as SmartLock folders to ensure that files copied or moved to the folders are **encrypted automatically**. SmartLocked files are **opened** by authorized users the same as any other files, and decryption is transparent. The combination of locking and encryption raises the level of security available...

... designated as a SmartLock folder by selecting the Enable SmartLock Folder option. This ensures that all files copied or moved to such a folder will **automatically be encrypted**, and all files copied or moved out of the folder will be decrypted. A user with **file access** can **open** SmartLocked files just like any other file; the decryption will be completely transparent. **Auto -encryption and decryption** can be disabled for particular files within a Smartlock folder, allowing for more complex groupings of files.

Encryption Control
Your Eyes Only also allows for...

12/3,K/80 (Item 9 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01982980 SUPPLIER NUMBER: 18706808 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Keep your data to yourself. (Symantec Norton Your Eyes Only encryption package) (Software Review) (Brief Article) (Evaluation)
Polito, Julie
PC/Computing, v9, n10, p98(1)
Oct, 1996
DOCUMENT TYPE: Brief Article Evaluation ISSN: 0899-1847
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 286 LINE COUNT: 00025

... inactive for a setamount of time. You can also encrypt or decrypt files using RSA encryption and share them with designated users. The SmartLock folder **automatically decrypts and encrypts** files each time they are **opened** and closed, respectively, though it won't work on shared drives.

Everything on Your Eyes Only is customizable. And if you happen to forget your...

12/3,K/81 (Item 10 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01846753 SUPPLIER NUMBER: 17587465 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Nine no-cost steps to a secure LAN. (suggestions for improving network security)(includes related article on products for increased network security)
Gilliland, Steve
Computer Shopper, v15, n11, p635(3)
Nov, 1995
ISSN: 0886-0556 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2566 LINE COUNT: 00203

... RSA Data Security RSA Secure for Windows 1.0 (800-782-5453, \$129 list for single user) uses the industry-standard, 80-bit RC4 encryption algorithm, which automatically encrypts files when Windows closes and deciphers them when Windows reopens. The program features safeguards for open files in the event of sudden power loss, as well as automatic backup and emergency file access procedures.

Auditing

Accessible from any workstation, AuditTrack for Windows 2.0 from On Technology Corp. (800-767-6683, prices start at \$495 list for 50 users), is an...

12/3,K/82 (Item 11 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01823492 SUPPLIER NUMBER: 17193543 (USE FORMAT 7 OR 9 FOR FULL TEXT)
In LAN, security paranoia pays off. (computer security issues) (one of five articles in "Your Best Defense System")
Garfinkel, Simson
Windows Sources, v3, n9, p82(3)
Sep, 1995
ISSN: 1065-9641 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2224 LINE COUNT: 00178

...ABSTRACT: the government-sanctioned Kerberos and store a copy of every key on a central server; all keys must be changed if the server is compromised. Automatic encryption software encrypts files at write time and decrypts them as they are read; it is the only way to be certain of eliminating network eavesdropping.

... public keys, not secret keys. You can publish the public keys--the secret keys will still be secure.

The best encryption solution is software that automatically encrypts files at write time and decrypts them when you read them back from the hard disk. (Some backup programs let you encrypt files during writes to tape.)

Encryption is the only way to eliminate network eavesdropping. Any computer can intercept and read every packet of information transmitted over the LAN...

12/3,K/83 (Item 12 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01804866 SUPPLIER NUMBER: 17159740 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Version control directory. (contains company names and brief version control product descriptions)
Data Based Advisor, v13, n5, p54(4)
June, 1995
ISSN: 0740-5200 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 2340 LINE COUNT: 00216

... 19040
(215)443-9705, fax (215)443-9753
UpdateIt!, US\$125
Compares old and new versions, extracts changes from new version and loads them into change file. Provides automatic change file encryption, binary file difference utility, and file compression utility. OS/2.
Intersolv, Inc.
3200 Tower Oaks Blvd.
Rockville, MD 20852
(301)230-3200, fax (301)231-7813
PVCS...

12/3,K/84 (Item 13 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

01766160 SUPPLIER NUMBER: 16715800 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Unresolved security issues blunt distributed hoopla. (comprehensive security needed for multiplatform, distributed networks) (includes related article on LAN security problems) (Buyers Guide)
Adhikari, Richard
Software Magazine, v15, n2, p44(7)
Feb, 1995
DOCUMENT TYPE: Buyers Guide ISSN: 0897-8085 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4209 LINE COUNT: 00336

... a user has clearance to open a particular application.
EDM is described as an object-oriented distributed systems management package with security features such as **automatic** policy-based management; **encryption** of objects, **files** and passwords transported over **open** networks; desktop access with user-authentication features and a time expiry facility that lets managers control how long a password is valid. And, most important...

12/3,K/85 (Item 14 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01633599 SUPPLIER NUMBER: 14198388 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Power made easy: mainstream Windows databases. (evaluation of Ace Software's AceFile 2.0, Approach Software's Approach 2.0 for Windows, DataEase International's DataEase Express for Windows 1.1, Timeworks' Data Manager for Windows and Claris' FileMaker Pro 2.0 for Windows databases) (includes related articles on development tools and business databases) (Software Review) (Evaluation)
Rose, Philip F.H.
Computer Shopper, v13, n9, p488(8)
Sept, 1993
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4690 LINE COUNT: 00370

... file formats. In fact, Approach lacks a native file format, relying primarily on dBASE and Paradox formats.

Besides handling sophisticated support issues such as Paradox **encryption** and **automatic** index updating in dBASE, FoxPro, and Paradox, Approach 2.0 adds the ability to create SQL.QRY files to automate the downloading of data from...
...and 1-2-3 files, and supports LAN Manager, LANTastic, NetWare, and VINES networks out of the box, offering automatic record locking, password protection, and **read-only files**.

Of the programs evaluated here, Approach has the highest level of Windows sophistication. It supports drag-and-drop, both to launch the program and to...

12/3,K/86 (Item 15 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01622053 SUPPLIER NUMBER: 14457984 (USE FORMAT 7 OR 9 FOR FULL TEXT)
AlertView 2.1 is the network manager's busy little helper. (Shany Inc's network management software) (includes related article) (Software Review) (New!) (Evaluation)
Pompili, Tony
PC-Computing, v6, n11, p132(1)
Nov, 1993
DOCUMENT TYPE: Evaluation ISSN: 0899-1847 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 641 LINE COUNT: 00049

... of Windows memory," via TSRs that reside on individual workstations. The client portion of the program reports back to a central AlertView Manager PC, which **automatically deciphers** the problem and sends the fix back to the user's PC. If you get a "Too many files " error, AlertView can **modify** the PC's CONFIG.SYS file, inform the user of the change, and even reboot the workstation.

We found AlertView 2.1 painless to install...

12/3,K/87 (Item 16 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01465442 SUPPLIER NUMBER: 11609744 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SecretDisk II and SecretDisk II Administrator. (data security software from Lattice Inc.) (brief article) (New Products: Microcomputers) (Product Announcement)
Software Magazine, v11, n15, p107(1)
Dec, 1991
DOCUMENT TYPE: Product Announcement ISSN: 0897-8085 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 137 LINE COUNT: 00011

SecretDisk II Version 1.05 offers users the ability to load SecretDisk device drivers into high memory; and **automatically encrypts** programs and files as they are **written** to a secret disk, and unencrypts them as they are read from the disk. Access is controlled through user-defined passwords.

SecretDisk II Administrator, a...

12/3,K/88 (Item 17 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

01452340 SUPPLIER NUMBER: 11378157 (USE FORMAT 7 OR 9 FOR FULL TEXT)
DeltaFile automates updates. (New Products: Industry-Related News & Announcements) (brief article) (product announcement)
TECH Specialist, v2, n9, p73(1)
Sept, 1991
DOCUMENT TYPE: product announcement ISSN: 1049-913X LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 174 LINE COUNT: 00013

The 'change file' is constructed so that it can be safely distributed via public BBS at no cost or risk to the developer. The **change file** only has value when run against an old version of the files. it is **automatically data encrypted**, can be further secured with a password, and can be compressed during creation for even more disk savings.

DeltaFile costs \$249.95. A demonstration version...

12/3,K/89 (Item 18 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

01318253 SUPPLIER NUMBER: 07722542 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Fighting network infection. (protecting local-area networks against computer viruses) (includes related articles on using existing network security systems and on virus insurance)
Powell, Dave
Networking Management, v7, n9, p38(8)
Sept, 1989
ISSN: 1052-049X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3851 LINE COUNT: 00305

...ABSTRACT: Newspaper Publishers' Association computer facilities. Viruses come from several sources, including: disgruntled employees, new employees with outside software, employees who do work at home and files downloaded from networks. The **openness** of many wide-area networks in the US increases the likelihood of infection. A viable security plan should address: access controls, passwords, **automatic network encryption**, message authentication, software 'signature' verification and anti-viral products.

12/3,K/90 (Item 19 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01252760 SUPPLIER NUMBER: 06883885 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Upgrade has password control, data encryption. (Watchdog 5.0, data security software from Fischer International Systems Corp.) (product announcement)
Computers in Banking, v5, n8, p64(1)
Aug, 1988
DOCUMENT TYPE: product announcement ISSN: 0742-6496 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 692 LINE COUNT: 00055

... of the micro products division at Fischer, has been "improved in various and sundry ways," including such security features as ID and password access control, **automatic data encryption** that is transparent to users, multiple **file access** levels, multiple user permission levels, and audit trails for logging all system and user activity.

One of the changes that users asked for is an...

12/3,K/91 (Item 20 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01246510 SUPPLIER NUMBER: 06609442 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Enigma to update PC-Safe features. (Enigma Logic Inc.'s security software) (product announcement)
PC Week, v5, n35, p31(1)
Aug 29, 1988
DOCUMENT TYPE: product announcement ISSN: 0740-1604 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 400 LINE COUNT: 00030

... try to boot the system from a floppy-disk drive, company officials said.

The forthcoming release of PC-Safe II also includes enhanced identification verification, **automatic encryption** of data and **file -by-file access** control, said John Muir, president of the 6-year-old Concord, Calif., company.

Enigma's line of SafeWord security products are based on the concept
...

12/3,K/92 (Item 21 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01241805 SUPPLIER NUMBER: 06271062 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The micro community matures. (security issues)
Infosystems, v35, n2, p34(1)
Feb, 1988
ISSN: 0364-5533 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 653 LINE COUNT: 00052

... forgets passwords. Considering the flexibility and depth of the product, administration is not nearly as complex as might be expected. Menus are clear with help **readily** available.

For additional protection, files can be encrypted automatically. Also included is a logging service with associated reports. Documentation for PC/DACS is thorough and easy to follow.

For more information on specific micro...

12/3,K/93 (Item 22 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

01228056 SUPPLIER NUMBER: 06774935
Watchdog upgrade prevents users from copying or erasing programs. (product announcement)
Jones, Robert Snowdon
InfoWorld, v10, n25, p18(1)
June 20, 1988
DOCUMENT TYPE: product announcement ISSN: 0199-6649 LANGUAGE:
ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: of its Watchdog data security program allows users to execute programs, but not to copy or erase them. It provides ID and password access control, automatic data encryption, multiple file access levels, user permission levels, and audit trails, and runs on PS-2s and PC compatibles. It sells for \$295, with upgrades available for \$50. A...

12/3,K/94 (Item 23 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

01213279 SUPPLIER NUMBER: 04975199 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Security strategies: hardware protection for PCs. (Hardware Review)
Aarons, Richard; Raskin, Robin
PC Magazine, v6, n8, p104(12)
April 28, 1987
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4917 LINE COUNT: 00394

... another. That way the thief or tamperer won't be able to sneak a board off the premises for decoding.

Most software programs encrypt your file after you've written it. Some hardware also encrypts on a file level, but because encryption on chips take so little time, they can encrypt and decrypt "on the fly." With this system, every time your program writes to disk, the data is automatically encrypted, and every time it reads from disk, the data is decrypted. This method is obviously more secure than writing a normal file out to disk, encrypting it, and then decrypting the whole thing when you want to work on it. With integral encryption, the only time the...

12/3,K/95 (Item 24 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01213205 SUPPLIER NUMBER: 04683838 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Keeping the LAN manager honest: security concerns. (connectivity section)
Bonner, Paul
PC Week, v4, n9, pC1(3)
March 3, 1987
ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2100 LINE COUNT: 00162

... Inc., of Richardson, Texas. Micronyx manufactures a product for NetWare-based networks called Triad Plus that provides a host of workstation security capabilities. These include automatic data encryption and the ability to provide a user or workstation with access to data on a file-by-file basis and to determine which system resources

(floppy-drives, hard-dis drives, printers, modems) a user may access .
Access privileges to a file are set by the user, not the system administrator, under the Triad system.

In addition, Triad Plus creates an audit trail of all user activity

...

12/3,K/96 (Item 25 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01212415 SUPPLIER NUMBER: 04609305 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Microsoft introduces fast spreadsheet for LANs. (product announcement)
Kanzler, Stephen
PC Week, v4, n2, p1(2)
Jan 13, 1987
DOCUMENT TYPE: product announcement ISSN: 0740-1604 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 617 LINE COUNT: 00050

... environment include password protection, data encryption and implicit file locking.

Spreadsheets can be optionally password-protected when created, and data in password-protected spreadsheets is **automatically encrypted** .
Encryption scrambles the contents of a spreadsheet to prevent it from being read using software-debugging tools or utility programs, such as the Norton Utilities, which can **read** raw data files directly.

Implicit file locking prevents spreadsheet data from being corrupted by restricting write permission on an open spreadsheet to the user who opened the file...

12/3,K/97 (Item 26 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01176099 SUPPLIER NUMBER: 00662120 (USE FORMAT 7 OR 9 FOR FULL TEXT)
SecretDisk a Lock-In Winner in Encryption.
Bonner, Paul
PC Week, v3, n7, p89
Feb. 18, 1986
DOCUMENT TYPE: evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1112 LINE COUNT: 00084

...ABSTRACT: encryption process of creating, manipulating and using encrypted files until it is a function that is identical to normal DOS operations. The \$59.95 package **automatically encrypts** and password-protects all data or programs, allows authorized users **access** to encrypted **files** as easily as to other files, provides copying, back-up, restoration and manipulation of protected data at any time, and allows parts of hard disks...

... where the processes of creating, manipulating and using encrypted, protected files are indistinguishable from those associated with normal DOS use.

Imagine a security system that **automatically encrypts** and password-protects any data or program, and that also allows authorized users to **access** encrypted **files** as easily and as quickly as any other disk file. Imagine such a system that allows thes users to copy, back up, restore and otherwise...

12/3,K/98 (Item 27 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

01168094 SUPPLIER NUMBER: 04799050
Watchdog PC data security. (Watchdog 4.1) (product announcement)

Mini-Micro Software, vll 4, pl6(1)
Wint, 1986

DOCUMENT TYPE: product announcement
ENGLISH RECORD TYPE: ABSTRACT

ISSN: 0265-6760

LANGUAGE:

...ABSTRACT: Innis Systems Corp announces release 4.1 of the Watchdog data-security program for PCs with hard disks. Watchdog incorporates ID and password access controls, **automatic** data **encryption** and **decryption** ; and **read** , **write** , and create-delete **file** permissions. The program provides protection for directories, requiring only that the directories be selected at installation time. Release 4.1 includes a simplified method of ...

12/3,K/99 (Item 28 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2000 The Gale Group. All rts. reserv.

01122686 SUPPLIER NUMBER: 00642319

Module Controls Access to Micros.

Computers in Banking, v2, n6, p71
Sept., 1985

DOCUMENT TYPE: evaluaton
RECORD TYPE: ABSTRACT

ISSN: 0742-6496

LANGUAGE: ENGLISH

...ABSTRACT: designed the Access Control Module (ACM) to limit access to the IBM PC, PC-XT, PC-AT and compatibles without requiring user interaction. The ACM **automatically encrypts** all entered data and decrypts it to read. Once encrypted, data can only be read through an identically configured ACM. The ACM has a multilevel **file access** structure that determines disk **file** ownership and processes the American National Standards Institute's (ANSI) X9.9 (1985) Financial Institution Message Authentication Standard for wholesale banking applications. The ACM can...

File 15:ABI/Inform(R) 1-2000/Dec 12
 (c) 2000 Bell & Howell
 File 98:General Sci Abs/Full-Text 1984-2000/Oct
 (c) 2000 The HW Wilson Co.
 File 674:Computer News Fulltext 1989-2000/Nov W4
 (c) 2000 IDG Communications
 File 624:McGraw-Hill Publications 1985-2000/Dec 07
 (c) 2000 McGraw-Hill Co. Inc
 File 9:Business & Industry(R) Jul/1994-2000/Dec 11
 (c) 2000 Resp. DB Svcs.
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 612:Japan Economic Newswire(TM) 1984-2000/Dec 12
 (c) 2000 Kyodo News
 File 635:Business Dateline(R) 1985-2000/Dec 12
 (c) 2000 Bell & Howell
 File 484:Periodical Abstracts Plustext 1986-2000/Dec W1
 (c) 2000 Bell & Howell
 File 647:CMP Computer Fulltext 1988-2000/Nov W2
 (c) 2000 CMP
 File 20:World Reporter 1997-2000/Dec 12
 (c) 2000 The Dialog Corporation
 File 239:Mathsci 1940-2001/Jan
 (c) 2000 American Mathematical Society

Set	Items	Description
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S2	796906	AUTOMATIC? OR AUTO OR (WITHOUT OR NO OR "NOT" OR NON) (3N) (- HUMAN OR USER? ? OR OPERATOR?) (3N) (INTERVEN? OR INPUT? OR ACTION? OR ACTIVIT? OR INITIAT? OR REQUEST? OR COMMAND? OR INSTRUCTION?) OR SUBROUTINE? OR SUB()ROUTINE?
S3	114115	ENCRYPT? OR DECRYPT? OR ENCIPHER? OR DECIPHER? OR ENCYIPHER? OR DECYPHER? OR CYPHER? OR CIPHER? OR CRYPT? OR SECRET()KEY?? OR KEY()VALUE? ? OR RECRYPT? OR RECIPHER? OR RECYPER?
S4	69	S1(S)S2(3N)S3
S5	29	S4 NOT PD=>980507
S6	26	RD (unique items) (Reviewed Titles)

6/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

01245329 98-94724

Symantec tightens security

Taft, Darryl K

Computer Reseller News n688 PP: 86 Jun 17, 1996

ISSN: 0893-8377 JRNL CODE: CRN

WORD COUNT: 151

...ABSTRACT: security product that features encryption technology to lock data on notebook computers so only the owner can view it. The product features "on-the-fly" encryption technology that automatically decrypts files when the authorized user opens them, then reencrypts the files when saved or closed .

...TEXT: a security product that features encryption technology to lock data on notebook computers so only the owner can view it.

The product features "on-the-fly" encryption technology that automatically decrypts files when the authorized user opens them, then re-encrypts the files when saved or closed , company officials said. A SmartLock feature provides automatic encryption . Thus, users do not have to remember commands .

Norton Your Eyes Only uses RSA Data Security's public key/private key encryption technology. The product also provides an optional bootup access control feature...

6/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

01119811 97-69205

Making the right connections

Koll, Thomas

Security Management v39n11 PP: 55-59 Nov 1995

ISSN: 0145-9406 JRNL CODE: SEM

WORD COUNT: 2537

...TEXT: software packages, such as DialOCK Boot, offer only one. DialOCK Boot offers a low-to-mid-level encryption option, roughly equivalent to Folderbolt's Quick Crypt .

Data scrubbing. Automatic data scrubbing is another useful feature to look for in LAN security software. Data scrubbing is the process of automatically encrypting a file before deleting it. While data scrubbing does not prevent a file from being restored by "undelete" utilities, the reconstructed file can only be read by someone who holds the encryption key. The alternative is for each user to encrypt all files before deleting them.

Virus checking. Viruses can get...

6/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00838680 94-88072

Safety Suite offers package of protection for Mac users

Knibbe, Willem

InfoWorld v16n12 PP: 29 Mar 21, 1994

ISSN: 0199-6649 JRNL CODE: IFW

WORD COUNT: 324

...TEXT: It works seamlessly so that when a user double-clicks on an encrypted file, it prompts for the password, then unencrypts the document.

When the document is closed , it is re-encrypted automatically .
Shredder offers one-, two-, or three-pass byte-by-byte data wipeouts.

Disk Locker password-protects the entire hard disk or even external drives,
and...

6/3,K/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2000 Bell & Howell. All rts. reserv.

00665091 93-14312

Data guardians

Schneier, Bruce
Macworld v10n2 PP: 144-151 Feb 1993
ISSN: 0741-8647 JRNL CODE: MAW
WORD COUNT: 3701

...TEXT: Shredder take top honors. ultraSecure does almost everything I can think of, offers an easy-to-use interface, never crashed on me, was the only **automatic -encryption** program I couldn't break--and it was also the fastest DES product. At a reasonable \$149.95, Citadel with Shredder is also a standout program, but for different reasons. It does not have **file - access** controls, but does have easy-to-use manual-key encryption--the most secure option available--and the best file-erasure features on the market. DiskLock...

6/3,K/5 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01940379 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Self-Escrow Desktop Encryption

(Security Dynamics will begin shipping its RSA SecurPC 2.0 desktop encryption software, which lets US businesses keep their private keys within an organization)

InternetWeek, p 14

September 22, 1997

DOCUMENT TYPE: Journal ISSN: 0746-8121 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 160

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...data are held by corporate officers who can make them available to law enforcement agencies with court orders, Sizer said. With RSA SecurPC 2.0, **files** remain encrypted until **opened** through an application on the network. They are **automatically re-encrypted** when closed. Available now on Windows 95, RSA SecurPC 2.0 costs \$59.

...

6/3,K/6 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2000 Resp. DB Svcs. All rts. reserv.

01523787 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Symantec Tightens Security

(Symantec will introduce Your Eyes Only for Windows 95, security software with encryption technology to lock data on notebooks)

Computer Reseller News, n 688, p 86

June 17, 1996

DOCUMENT TYPE: Journal; News Brief ISSN: 0893-8377 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 157

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...security product that features encryption technology to lock data on notebook computers so only the owner can view it.

The product features "on-the-fly" **encryption** technology that **automatically decrypts** files when the authorized user opens them, then re-encrypts the **files** when saved or **closed**, company officials said. A SmartLock feature provides **automatic encryption**. Thus, **users** do not have to remember **commands**. Norton Your Eyes Only uses RSA Data Security's public key/private key encryption technology. The product also provides an optional bootup access control feature...

6/3,K/7 (Item 3 from file: 9)

DIALOG(R)File 9:Business & Industry(R)
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01510870 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Symantec has solution to computer data theft

(Symantec's Norton Your Eyes Only for Windows 95 software protects computer data; one of every 14 notebooks sold in US in 1995 was reported stolen)

Journal of Commerce, v 408, n 28,738, p 10A

June 05, 1996

DOCUMENT TYPE: Journal; News Brief ISSN: 0361-5561 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 127

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Symantec Corp. Monday announced Norton Your Eyes Only for Windows 95. Norton Your Eyes Only provides data protection through features such as "on-the-fly" **encryption** technology, which **automatically** allows **decryption** **files** when authorized users **open** them, and re-encrypts them when saved or closed.

With the Internet used increasingly for sending confidential information, this feature is necessary to prevent unauthorized...

6/3,K/8 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire

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1233615

NYW062

Intrasect Technologies Announces docSpace(TM) Direct; Corporations Send Files Over the Web with docSpace Direct

DATE: February 25, 1998

09:45 EST

WORD COUNT: 403

... docSpace Direct "Hot" button. This hyperlinks to the docSpace engine. Users then browse their hard drive, select the file, and click "Send." The file is **automatically encrypted** and uploaded into the docSpace server. Recipients **access** the stored **file** and transaction reports by securely logging into docSpace. There is no system administration required and all the users need is a simple Web browser with...

6/3,K/9 (Item 2 from file: 813)

DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1209761

LAM046

Symantec's Norton Your Eyes Only Receives ICISA Product Certification for Cryptography

DATE: January 12, 1998

11:01 EST

WORD COUNT: 586

... of getting the most secure products available. One of the first ICSA certified cryptography products, Norton Your Eyes Only offers SmartLock, transparent "on-the-fly" encryption technology which automatically decrypts files when authorized users open them and re-encrypts them when saved or closed. Since this functionality is automatic, users do not have to remember to do these tasks and...

6/3,K/10 (Item 3 from file: 813)

DIALOG(R)File 813:PR Newswire

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1209760

LAM045

Symantec Announces Norton Your Eyes Only Version 4.1 for Windows 95 NT

DATE: January 12, 1998

11:00 EST

WORD COUNT: 877

... Your Eyes Only version 4.1 which now supports Windows NT. Norton Your Eyes Only provides data protection through features such as "on-the-fly" encryption technology, that automatically decrypts files when authorized users open them and re-encrypts them when saved or closed. With theft on the rise and the Internet used increasingly for sending confidential information, this feature...

...and in general over the Internet becomes of utmost importance."

About Your Eyes Only

Norton Your Eyes Only offers SmartLock, transparent patented "on-the-fly" encryption technology which automatically decrypts files when authorized users open them and re-encrypts them when saved or closed. Since this functionality is automatic, users do not have to remember to do these tasks and...

6/3,K/11 (Item 4 from file: 813)

DIALOG(R)File 813:PR Newswire

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1168293

NEW036

Security Dynamics' RSA SecurPC Wins Network Computing's Editor's Choice Award for Best Stored File Encryption Product

DATE: October 15, 1997

13:27 EDT

WORD COUNT: 699

...fulfilling elaborate reporting requirements, or spending additional time and resources seeking additional U.S. government approvals. For users, RSA SecurPC 2.0 provides fast, transparent, automatic encryption full-time and offers users an intuitive way to protect sensitive data through integration with the operating system. Files encrypted with RSA SecurPC 2.0 remain encrypted until opened through an application on the network and are automatically re-encrypted when the file is closed. New boot lock and screen lock features, initiated once, provide users with easy, additional security for their portable computers.

"RSA SecurPC 2.0 offers new...

6/3,K/12 (Item 5 from file: 813)

DIALOG(R)File 813:PR Newswire

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1154162

NYW019

Security Dynamics' RSA SecurPC 2.0 Receives Approval for International Export

DATE: September 17, 1997

08:02 EDT

WORD COUNT: 926

... SecurPC 2.0 will enable secure communication with companies based outside the U.S. and Canada.

For users, RSA SecurPC 2.0 provides fast, transparent, **automatic encryption** full-time and offers users an intuitive way to protect sensitive data through integration with the operating system. Files encrypted with RSA SecurPC 2.0 remain encrypted until opened through an application on the network and are **automatically re-encrypted** when the **file is closed**. New boot lock and screen lock features, initiated once, provide users with easy, additional security for their portable computers.

Likewise, RSA SecurPC 2.0 enables...

6/3,K/13 (Item 6 from file: 813)

DIALOG(R)File 813:PR Newswire

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0979916

SFTH041a

SYMANTEC ANNOUNCES STRONG GROWTH IN CORE PRODUCTS FOR THE JUNE 1996 QUARTER

DATE: July 25, 1996

17:16 EDT

WORD COUNT: 1,721

...contact management.

Symantec announced Norton Your Eyes Only for Windows 95. Norton Your Eyes Only provides data protection through features such as "on-the-fly" **encryption** technology, that **automatically decrypts files**

when authorized users **open** them and re-encrypts them when saved or closed. With the Internet used increasingly for sending confidential information, this feature is necessary to prevent unauthorized...

6/3,K/14 (Item 7 from file: 813)

DIALOG(R)File 813:PR Newswire

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0956653

SJM007

SYMANTEC ANNOUNCES NORTON YOUR EYES ONLY FOR WINDOWS 95

DATE: June 3, 1996

07:55 EDT

WORD COUNT: 867

...Nasdaq: SYMC) today announced Norton Your Eyes Only for Windows 95. Norton Your Eyes Only provides data protection through features such as "on-the-fly" **encryption** technology, that **automatically decrypts files** when authorized users **open** them and re-encrypts them when saved or closed. With the Internet used increasingly for sending confidential information, this feature is necessary to prevent unauthorized...

...information intended for "your eyes only."

KEY FEATURES OVERVIEW

Comprehensive 32-bit security designed specifically for Windows 95 operating system

Patent-pending "on-the-fly" **automatic encryption** using RSA's public key encryption technology

Provides optional access control during bootup to prevent unauthorized access to data on the hard disk

Configurable automatic...

...protect information of the computer
or over the Internet becomes of utmost importance."

Foolproof Protection

Norton Your Eyes Only offers SmartLock, transparent "on-the-fly"
encryption technology which **automatically** **decrypts** files when
authorized
users **open** them and re-encrypts them when saved or closed. Since this
functionality is automatic, users do not have to remember to do these
tasks and...

6/3,K/15 (Item 8 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0785791 DC003
AT&T AND IRE LINK SECURE REMOTE ACCESS PRODUCTS

DATE: February 4, 1995 10:30 EST WORD COUNT: 622

...user action, dsaSign and the AX400 create a random one-time
password which is signed using DSS, guaranteeing that only the
authorized user can gain **access** to the system. **Files** from users can
also be digitally signed to provide undeniable proof of the identity of
the message sender and to prevent modification of the data. In
addition, the AX400 **automatically** **encrypts** the user's data using the
Data Encryption Standard (DES) which prevents unauthorized parties from
stealing sensitive information.

"The AT&T-IRE product combination is...

6/3,K/16 (Item 9 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0032410 LA14R
NOVELL AND MICRONYX ANNOUNCE AGREEMENT

DATE: November 4, 1987 14:39 E.T. WORD COUNT: 513

...NetWare's operating environment. Immediate customer benefits
include: a common login for the PC and the local area network; a
common, secure method of controlling **file** **access** based around
Micronyx' **encryption** technology; **automatic** **encryption** of all data
transferred between the PC and file server; and the ability to
centrally administer security devices attached to the network's
file server...

6/3,K/17 (Item 1 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2000 Bell & Howell. All rts. reserv.

0616907 95-73274
New secure E-Mail for Microsoft Mail users
Christensen, Dave
Business Wire (San Francisco, CA, US) s1 p1
PUBL DATE: 950719
WORD COUNT: 393
DATELINE: Denver, CO, US

TEXT:

...networks. Its modular design means that it works across operating
system platforms and interfaces to third party security products.

Stoplock V features include: -- System, device, file , application and directory **access** control -- Drive A: boot protection -- SoftHold (screen blanking) -- System and User Auditing -- Enhanced Device Protection -- inhibits the use of low level utilities -- Data **encryption** and key management -- **Automatic** file **encryption** through the AutoEncrypt feature -- Unlimited number of users

Other features include secure data transfer, and a Secure Client Interface (SCI) facility, as well as a...

6/3,K/18 (Item 2 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2000 Bell & Howell. All rts. reserv.

0159814 90-42981
Logical Devices Introduces New Semiconductor Device Programmer
Goldfarb, Ira; Hackmeister, Dick
Business Wire (San Francisco, CA, US) sl pl
PUBL DATE: 900820
WORD COUNT: 146
DATELINE: Ft Lauderdale, FL, US

TEXT:

...current and voltage slew rates, clock rates and timing relationships.

Data patterns to be programmed are conveniently downloaded from any logic compiler with a JEDEC **file** output. Full **editing** capabilities are available on any device file, including data **encryption** keys and **auto**-incrementing device serial numbers.

ALLPRO-88's standard test head handles DIP parts, leadless chip carriers, leadless plastic chip carriers, surface mount devices and small ...

6/3,K/19 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

01142190 CMP ACCESSION NUMBER: NWC19971015S0028
Stored File Encryption: Boiled Eggs And Scrambled Data
Philip Carden
NETWORK COMPUTING, 1997, n 819, PG122
PUBLICATION DATE: 971015
JOURNAL CODE: NWC LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Reviews
WORD COUNT: 3125

... from disk, as BestCrypt NP and Armor 97 do. It instead encrypts and decrypts whole files on disk automatically when a valid user attempts to **open** the **file** . Users are authenticated at logon time, and the authentication lasts until the user logs off-tamper-proofing is provided by means of screen-locking. Unfortunately, that means **opening** and **closing** large **files** is slow going when compared with BestCrypt NP and Armor 97, and the system is arguably less secure for short periods. The product also supports only smart folders, which are **automatic encryption** and **decryption** solutions, on local drives. If you want to encrypt files on a server, you must do it manually by selecting one or more files and...

6/3,K/20 (Item 2 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext

(c) 2000 CMP. All rts. reserv.

01138971 CMP ACCESSION NUMBER: INW19970922S0020
Self-Escrow Desktop Encryption (Security Monitor)
Rutrell Yasin
INTERNETWEEK, 1997, n 682, PG14
PUBLICATION DATE: 970922
JOURNAL CODE: INW LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: News & Analysis
WORD COUNT: 167

TEXT:

... data are held by corporate officers who can make them available to law enforcement agencies with court orders, Sizer said. With RSA SecurPC 2.0, files remain encrypted until **opened** through an application on the network. They are **automatically re-encrypted** when closed. Available now on Windows 95, RSA SecurPC 2.0 costs \$59.

6/3,K/21 (Item 3 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

01097494 CMP ACCESSION NUMBER: NWC19960715S0021
Psst! Security Designed For Your Eyes Only (Security)
Kiran Movva
NETWORK COMPUTING, 1996, n 711, PG54
PUBLICATION DATE: 960715
JOURNAL CODE: NWC LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Sneak Previews
WORD COUNT: 1121

... your hard drive (new or current) as a SmartLock folder. Files already existing in this folder, and any new files added to this directory are **automatically encrypted**. If you try to **access** one of these files, it is **automatically decrypted** and presented to you. If another user tries to **access** this file and has not logged into Your Eyes Only at boot-up time, then the file appears as garbage data and the application trying to **access** the file will report an error.

When you encrypt any file or folder, you can select which user's public keys will be on the recipients list...

6/3,K/22 (Item 4 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

01094248 CMP ACCESSION NUMBER: CRN19960617S0120
LOCK ON DATA: Your Eyes Only for Win 95 to ship - Symantec Tightens Security
Darryl K. Taft
COMPUTER RESELLER NEWS, 1996, n 688, PG86
PUBLICATION DATE: 960617
JOURNAL CODE: CRN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Software
WORD COUNT: 161

The product features "on-the-fly" **encryption** technology that **automatically decrypts** files when the authorized user opens them, then re-encrypts the files when saved or **closed**, company officials said. A SmartLock feature provides **automatic encryption**. Thus, users do not have to remember **commands**.

Norton Your Eyes Only uses RSA Data Security's public key/private key encryption technology. The product also provides an optional bootup access control feature...

6/3,K/23 (Item 5 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2000 CMP. All rts. reserv.

01092709 CMP ACCESSION NUMBER: WIN19960701S0066

In Brief - Data Encryption

WINDOWS MAGAZINE, 1996, n 707, PG76
PUBLICATION DATE: 960701
JOURNAL CODE: WIN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: New Products
WORD COUNT: 181

TEXT:

If you're a LAN administrator or power user, Norton Your Eyes Only provides on-the-fly encryption to protect your data. The program **automatically decrypts files** when **opened** and encrypts them when saved or closed. You can also manually encrypt and decrypt.

6/3,K/24 (Item 1 from file: 20)
DIALOG(R)File 20:World Reporter
(c) 2000 The Dialog Corporation. All rts. reserv.

01541040 (USE FORMAT 7 OR 9 FOR FULLTEXT)

AXENT: AXENT enhances security for the mobile professional

M2 PRESSWIRE

May 01, 1998

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 731

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Remote Authentication Dial-in User Service (RADIUS) server functionality also lets administrators leverage Security Briefcase as the single Secure remote access server solution and remote **access** management

-- **File Encryption:** Security Briefcase protects data from unauthorised access and thieves by **automatically encrypting** and **decrypting** sensitive files, enabling busy end users to effortlessly protect data stored on laptops. Centralised administration and automated updating of the user's security policy ensures...

6/3,K/25 (Item 2 from file: 20)
DIALOG(R)File 20:World Reporter
(c) 2000 The Dialog Corporation. All rts. reserv.

01430526 (USE FORMAT 7 OR 9 FOR FULLTEXT)

AXENT Enhances Security for the Mobile Professional

BUSINESS WIRE

April 20, 1998 17:5

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 584

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Remote Authentication Dial-In User Service (RADIUS) server functionality also lets administrators leverage Security Briefcase as the single secure remote access server solution and remote **access** management platform.

-- **File Encryption:** Security Briefcase protects data from unauthorized access and thieves by **automatically encrypting** and **decrypting** sensitive files, enabling busy end users to effortlessly protect data stored on laptops. Centralized administration and automated updating of the user's security policy ensures...

6/3,K/26 (Item 3 from file: 20)
DIALOG(R)File 20:World Reporter
(c) 2000 The Dialog Corporation. All rts. reserv.

01403357 (USE FORMAT 7 OR 9 FOR FULLTEXT)

AXENT: PCShield from Axent keeps confidentials confidential - on the move
or in the office

M2 PRESSWIRE

April 16, 1998

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1144

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... offers the easiest and most seamless PC protection available for
organisations with hundreds of Windows NT systems.

PCShield uses AXENT's proven IntelliCrypt technology to **automatically**
encrypt and **decrypt** information for end users running Windows 95 or
NT. According to installation-specific rules, the IntelliCrypt system
automatically protects newly created **files** from unauthorised **access**
anywhere they are created or saved. This non-invasive protection remains
with the file wherever it goes, anywhere on the network. The end user need
...

File 256:SoftBase:Review Companies&Prods. 85-2000/Nov

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File 278:Microcomputer Software Guide 2000/Nov

(c) 2000 Reed Elsevier Inc.

Set	Items	Description
S1	4341	(OPEN? OR CHANG? OR EDIT? OR MODIF? OR ACCESS? OR READ? OR WRIT? OR CLOSE? ? OR CLOSING) (3N) (DOCUMENT? OR FILE OR FILES)
S2	10560	AUTOMATIC? OR AUTO OR (WITHOUT OR NO OR "NOT" OR NON) (3N) (- HUMAN OR USER? ? OR OPERATOR?) (3N) (INTERVEN? OR INPUT? OR ACTION? OR ACTIVIT? OR INITIAT? OR REQUEST? OR COMMAND? OR INSTRUCTION?) OR SUBROUTINE? OR SUB()ROUTINE?
S3	1890	ENCRYPT? OR DECRYPT? OR ENCIPHER? OR DECIPHER? OR ENCYIPHER? OR DECYPHER? OR CYPHER? OR CIPHER? OR CRYPT? OR SECRET()KEY?? OR KEY()VALUE? ? OR RECRYPT? OR RECIPHER? OR RECYIPHER?
S4	9	S1 AND S2 (3N) S3 <i>(Review Title)</i>

?

4/5/1 (Item 1 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00119256 DOCUMENT TYPE: Review

PRODUCT NAMES: iSend (772895); e-Parcel (772909)

TITLE: Registered E-Mail Adds New Dimension To Electronic Messaging
AUTHOR: Marks, Susan J
SOURCE: MicroTimes, v196 p67(4) Aug 11, 1999
HOMEPAGE: <http://www.microtimes.com>

RECORD TYPE: Review
REVIEW TYPE: Product Comparison
GRADE: Product Comparison, No Rating

United Parcel Service's Document Exchange, Pitney Bowes' iSend, Compaq Computer's and e-Parcel LLC's jointly marketed online.delivery/e-Parcel, and receiptmail.com represent a growing trend in supplanting traditional registered document handling services. These services all offer varying degrees of tracking, delivery confirmation, and security for the online delivery of a variety of documents, from sensitive legal materials to complex graphic images. Receiptmail.com and iSend are both browser-based, requiring no additional software. After entering the site, users can send mail and attachments that are later **encrypted** (either **automatically** or optionally). The receiver then gets an e-mail notification of delivery, along with the document number and a URL, in order to retrieve the document. The sender receives a tracking report, as well as information on when the **file** is **opened** and **read**. Compaq's online.delivery, e-Parcel, and a client version of iSend work similarly, but require an Internet connection and special software for both senders and recipients, though this is often available as a free download. Developers of delivery systems using special software believe that this minimizes problems associated with different browsers and e-mail systems and also lessens difficulties in downloading large files. Most services charge per document and by size while one firm, receiptmail.com, charges a flat yearly fee for unlimited use.

COMPANY NAME: Pitney Bowes Software Systems (414344); e-Parcel LLC
(668877)
SPECIAL FEATURE: Tables
DESCRIPTORS: Freight Processing; E-Commerce; Mailing Lists; Document
Management; Encryption; File Transfer; Public Networks
REVISION DATE: 20000228

4/5/2 (Item 2 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00112230 DOCUMENT TYPE: Review

PRODUCT NAMES: CADLock SE 3.1 Windows (726656)

TITLE: CADLock v3.1
AUTHOR: LaFon, Ron
SOURCE: CADalyst, v15 n10 p34(3) Oct 1998
ISSN: 0820-5450
HOMEPAGE: <http://www.cadonline.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: B

CADLock's CADLock SE 3.1 is an affordable and easy-to-use application that provides a secure data exchange infrastructure for architects needing to

ensure the safety of sensitive renderings and data on a 100 MB hard drive. A copyright notice can be attached to a file that cannot be altered except by password, then the entire file may be locked using a passkey. CADLock **automatically** and transparently **encrypts** file data when saving locked documents, and decryption requires either a password or public/private key pair in order to **open** a document. Who can **open** a CADLocked file, and what portions of the document they may have **access** to, is fully controllable by the owner, and any attempts to **open** files illegally will have all commands, menus, and API functions disabled. Unfortunately, if a passkey or password is lost, the drawing cannot be reconstructed from the secured file, therefore making it necessary and wise to back up copies of each file in unsecured AutoCAD DWG format.

PRICE: \$249

COMPANY NAME: CADLock Inc (615153)
SPECIAL FEATURE: Screen Layouts Charts
DESCRIPTORS: Computer Security; CAD Utilities; Architects; Windows; IBM PC & Compatibles; Encryption; File Security; Password Protection; AutoCAD
REVISION DATE: 20000228

4/5/3 (Item 3 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00108128 DOCUMENT TYPE: Review

PRODUCT NAMES: Your Eyes Only 4.1 (631752)

TITLE: Personal security you can trust

AUTHOR: Null, Christopher

SOURCE: LAN Times, v15 n11 p36(2) May 25, 1998

ISSN: 1040-5917

HOME PAGE: <http://www.lantimes.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Symantec's Your Eyes Only 4.1 (YEO) offers an extra level of security for Windows 95 and Windows NT users. Its functionality will satisfy advanced users, and it is easy enough for beginners. YEO offers more than simple file encryption; it includes ScreenLock, BootLock, and SmartLock. ScreenLock is a password-protected screen saver. BootLock prohibits **access** to encrypted files at startup. With SmartLock, users can set folders to **automatically encrypt** files when users are not using them. It also includes emergency password and key recovery features. An Emergency UnLock disk and one-time password provisions are included for distributed installations. YEO's encryption functions can be accessed by right clicking a file in Explorer. It offers five encryption options: DES, Triple-DES, RC4, RC5, and Blowfish algorithms. Reviewers found YEO easy-to-use; it runs from the system tray.

PRICE: \$90

COMPANY NAME: Symantec Corp (386251)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Computer Security; Windows; IBM PC & Compatibles; Encryption; Windows NT/2000; File Security; System Utilities
REVISION DATE: 20000830

4/5/4 (Item 4 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00104767 DOCUMENT TYPE: Review

PRODUCT NAMES: Entrust/ICE 1.0 (682047); Your Eyes Only 4.0 (631752); SecurPC 1.1 (546232); PCCrypto 1.0.1 (652652); SecureFile Release Candidate 1.0 (682055)

TITLE: Encryption grows up

AUTHOR: Cobb, Stephen

SOURCE: Network World, v14 n27 p53(3) Jul 7, 1997

ISSN: 0887-7661

HOME PAGE: <http://www.nwfusion.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: B

Entrust Technologies' Entrust/ICE 1.0, Symantec's Your Eyes Only 4.0, RSA Data Security's (now Security Dynamics') SecurPC 1.1, McAfee Associates' (now Network Associates') PCCrypto 1.0.1, and Querisoft's SecureFile Release Candidate 1.0 are advanced encryption products compared. Entrust/ICE gets the highest marks overall, with good ratings for features, manageability, ease of use, performance, and encryption strength. Installation and documentation are rated above average. Entrust/ICE is a good choice for enterprise use because it links desktops and laptops to the higher level Entrust and Entrust/Lite public key infrastructures and uses advanced digital certificate technology developed by Northern Telecom, Entrust's parent company. It **automatically encrypts** documents that have digital signatures, a unique numeric identifier that allows users to authenticate identities of participants in electronic transactions. Norton YEO is ideal for single users and smaller networks needing **file** protection and **access** control. It also provides a BootLock feature, which encrypts system data to protect against intruders who may try to gain access to a hard disk. SecurPC creates self-extracting encrypted files, emergency recovery, and good automated encryption, but its interface is plain and the price is somewhat high. PCCrypto has a powerful wipe file feature and algorithms, and SecureFile has many algorithms and an intuitive interface.

COMPANY NAME: Entrust Technologies Ltd (630667); Symantec Corp (386251); Security Dynamics Inc (432351); McAfee.com (490113); Entevo Corp (647292)

SPECIAL FEATURE: Tables Buyers Guides

DESCRIPTORS: Encryption; File Security; Computer Security; Network Administration Tools; File Transfer; Network Software

REVISION DATE: 20000823

4/5/5 (Item 5 from file: 256)

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00095973 DOCUMENT TYPE: Review

PRODUCT NAMES: Your Eyes Only (631752)

TITLE: Norton Encrypts Your Data

AUTHOR: Johnson, M Harry

SOURCE: LAN Times, v13 n22 p66(2) Sep 30, 1996

ISSN: 1040-5917

HOME PAGE: <http://www.lantimes.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Symantec's Your Eyes Only, an access control application supporting information on laptops, desktops, and shared network volumes, unobtrusively allows users to securely share data on one system or over networks and the Internet. Users designate directories on their drives as SmartLock folders, and files stored in the directories are **automatically encrypted** when

saved and decrypted upon opening. EXE and DLL files are only encrypted (manually), and only if the user so wishes. Symmetric-key and public/private-key encryption are supported to provide a good measure of both ease of use and security. A key is generated based on a user-selected password, and users choose the key's length; keys can run from 356 bits to 2,048 bits, and the longer the key, the more secure the data. Your Eyes Only is rated excellent overall, especially for security and manageability; features, performance, installation, and ease of use are very good.

PRICE: \$90

COMPANY NAME: Symantec Corp (386251)
SPECIAL FEATURE: Screen Layouts Charts
DESCRIPTORS: Computer Security; Laptop Software; Network Administration Tools; Encryption; Network Software; Internet Utilities; File Security; Public Networks; LANs; Internet Security
REVISION DATE: 20000430

4/5/6 (Item 6 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00082470 DOCUMENT TYPE: Review

PRODUCT NAMES: Lotus Notes (550418); GroupWise (709255)

TITLE: Security In Groupware Systems
AUTHOR: Moskowitz, Robert
SOURCE: MicroTimes, v11 n9 p174(5) Aug 21, 1995
HOMEPAGE: <http://www.microtimes.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Lotus Notes and Novell's GroupWise groupware environments are assessorivacy.' Privacy features are defined as security and authentication s. Security in Lotus Notes is based on selective access and data encrNotes also provides 'signature' authentication based on transparent fings along with 'secure' channel protection. GroupWise features both and private-key encryption systems plus file access restrictions. Gros praised for its automatic encryption mechanism which is completely ent to the user and which operates on locally-stored messages as wellsmitted data.
COMPANY NAME: Lotus Development Corp (254975); Novell Inc (344893)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Notes/Domino; Network Software; Groupware; Encryption; Computer Security; Administration Tools
REVISION DATE: 20000228

4/5/7 (Item 7 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00076487 DOCUMENT TYPE: Review

PRODUCT NAMES: SecurPC 1.0 (546232)

TITLE: RSA Secure quickly protects data; supervisor retains access to files
AUTHOR: Peschel, Joe
SOURCE: InfoWorld, v17 n16 p106(1) Apr 17, 1995
ISSN: 0199-6649
HOMEPAGE: <http://www.infoworld.com>

RECORD TYPE: Review
REVIEW TYPE: Review

GRADE: A

RSA Secure 1.0, a Windows encryption package, encrypts multiple files quickly and provides password override keys that can be split among more than one trustee. The product offers two programs, one for emergency access for user encryption; both link to File Manager. Installation is easy; user should back up key and trustee disks. The user decides at install if one password key should be able to override user passwords, or if responsibility is split among several trustees. During testing, encryption performed as expected, and performance was above average. It can set a time in which a password stays in memory, so that it need not be reentered when multiple files in different directories are to be processed. **Auto -Crypt** feature **decrypts** and encrypts on Windows launch and exit, nice feature.

PRICE: \$99

COMPANY NAME: Security Dynamics Inc (432351)

SPECIAL FEATURE: Charts

DESCRIPTORS: Encryption; Windows; IBM PC & Compatibles; File Security;
Computer Security

REVISION DATE: 20000228

4/5/8 (Item 1 from file: 278)

DIALOG(R) File 278: Microcomputer Software Guide

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0018995

0018995XX STATUS: ACTIVE ENTRY

TITLE: ARCServeIT Enterprise Edition

RELEASE DATE: 1998

COMPATIBLE HARDWARE: IBM PC family and compatibles; Hewlett-Packard micros; Unix & Unix-like environments

MICROPROCESSOR TYPE: Available

OPERATING SYSTEM(S) REQUIRED: Windows NT, Solaris, HP-UX, AIX, SCO Open Server, SCO UnixWare

PRICE INFORMATION:

Diskette Contact publisher for price

ANNOTATION: Provides centrally managed integrated storage management platform for heterogeneous enterprises. Delivers backup, restore, & disaster recovery. Includes end-to-end data compression, & encryption, automatic media management, built-in data migration & virus scanning, library support, RAID, image backup, open file backup, backup to mainframes, disaster recovery, application backup & client backup

DESCRIPTORS: BUSINESS MANAGEMENT - MISCELLANEOUS

DESCRIPTOR CODES: 10007155

PUBLISHER: Computer Associates International, Incorporated; Comp Associates NY (0-918317; 0-922091; 0-922344; 0-923108; 0-926530; 0-928104)

ADDRESS: One Computer Associates Plaza (Headquarters)

Islandia, NY 11788-7000

TEL.: 407-661-6985

SAN: 293-1133

ADDRESS: 909 E. Las Colinas Blvd.

Irving, TX 75039

4/5/9 (Item 2 from file: 278)

DIALOG(R) File 278: Microcomputer Software Guide

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0007255

0007255XX STATUS: ACTIVE ENTRY

TITLE: SafeWord PC-Safe III

RELEASE DATE: 06/1991

COMPATIBLE HARDWARE: IBM PC family and compatibles

MICROPROCESSOR TYPE: Manuals, telephone hot-line, BBS, on & off-site training

OPERATING SYSTEM(S) REQUIRED: PC-DOS or MS-DOS 3.0 or higher

PRICE INFORMATION:

Other 275.00

MANUAL AVAIL.

ANNOTATION: Provides Automatic File-by-File Encryption & Access Control for IBM PCs & Compatibles. Access to the PC's Hard Disk & Encrypted Diskettes Is Protected by Any Combination of Memorized, Fixed Passwords, Single-Use Dynamic Passwords, Password Use Count, Access Limits, & Attack Detection & Prevention

DESCRIPTORS: BUSINESS MANAGEMENT - PROTECTION AND SECURITY; PERSONAL COMPUTING - SECURITY

DESCRIPTOR CODES: 10003733; 20001150

PUBLISHER: Enigma Logic, Incorporated; Enigma Logic

ADDRESS: 2151 Salvio St., Suite 301

Concord, CA 94520

TEL.: 510-827-5707

SAN: 662-9741

File 350:Derwent WPIX 1980-2000/UD,UM &UP=200064
(c) 2000 Derwent Info Ltd
File 347:JAPIO Oct 1976-2000/Jul(UPDATED 001114)
(c) 2000 JPO & JAPIO
File 344:Chinese Patents ABS Apr 1985-2000/Dec
(c) 2000 European Patent Office

Set	Items	Description
S0	2	*KEEP*
S1	1863	(OPEN? OR CHANG? OR EDIT? OR MODIF? OR ACCESS?) (10N) (DOCUMENT? OR FILE OR FILES) (10N) (COMMAND? OR INSTRUCTION? OR STATEMENT? OR STEP? ?)
S2	838814	AUTOMATIC? OR AUTO OR (WITHOUT OR NO OR "NOT" OR NON) (3N) (-HUMAN OR USER? ? OR OPERATOR?) (3N) (INTERVEN? OR INPUT? OR ACTION? OR ACTIVIT? OR INITIAT? OR REQUEST? OR COMMAND? OR INSTRUCTION?) OR SUBROUTINE? OR SUB()ROUTINE?
S3	17100	ENCRYPT? OR DECRYPT? OR ENCIPHER? OR DECIPHER? OR ENCYPHER? OR DECYPHER? OR CYPHER? OR CIPHER? OR CRYPT? OR SECRET()KEY?? OR KEY()VALUE? ?
S4	0	S1 AND S2(5N)S3
S5	0	S1 AND S2(15N)S3
S6	20983	(OPEN? OR CHANG? OR EDIT? OR MODIF? OR ACCESS?) (10N) (DOCUMENT? OR FILE OR FILES)
S7	6	S6 AND S2(10N)S3 (Reviewed Title)
S8	23403	(OPEN? OR CHANG? OR EDIT? OR MODIF? OR ACCESS?) (15N) (DOCUMENT? OR FILE OR FILES)
S9	7	S8 AND S2(15N)S3
S10	1	S9 NOT S7 (Reviewed Title)
S11	1	AU=(MAHNE C? AND ZIZZI S? AND VON BURNS S? AND TOWNSLEY K?) (Reviewed Title)
S12	1	AU=(MAHNE C? OR ZIZZI S? OR VON BURNS S? OR TOWNSLEY K?)
S13	0	S12 NOT S11

7/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013378939 **Image available**
WPI Acc No: 2000-550877/200051
XRPX Acc No: N00-407553

**Computer-implemented method for accessing contents of encrypted data
e.g. public key encrypted electronic document distributed across the
internet**

Patent Assignee: CONTENT TECHNOLOGIES LTD (CONT-N)
Inventor: HARRIS A S
Number of Countries: 026 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1026854	A2	20000809	EP 99125246	A	19991217	200051 B
JP 2000196590	A	20000714	JP 99365274	A	19991222	200051

Priority Applications (No Type Date): GB 9828341 A 19981222

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1026854	A2 E	27	H04L-012/22	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

JP 2000196590 A 24 H04L-009/32

Abstract (Basic): EP 1026854 A2

NOVELTY - The method involves establishing trustworthiness with a computer-implemented security provider which has access to the private cryptographic information. An indication of the **encrypted** data is received and the contents accessed **without user input** by notifying the security provider of the **encrypted** data. A **decrypted** copy of the encrypted data is received from the security provider based on the trustworthiness so that the contents are accessible,.

DETAILED DESCRIPTION - INDEPENDENT CLAIMs are included for a computer readable medium and computer system.

USE - For data encrypted in a manner so that a private cryptographic information is needed to gain access to the contents.

ADVANTAGE - Access to the contents of the data is gained without gaining access to the private cryptographic information.

DESCRIPTION OF DRAWING(S) - The drawing shows an example of an electronic document being distributed using public key encryption.

pp; 27 DwgNo 1/9

Title Terms: COMPUTER; IMPLEMENT; METHOD; ACCESS; CONTENT; ENCRYPTION; DATA
; PUBLIC; KEY; ENCRYPTION; ELECTRONIC; DOCUMENT; DISTRIBUTE

Derwent Class: P85; W01

International Patent Class (Main): H04L-009/32; H04L-012/22

International Patent Class (Additional): G06F-012/14; G09C-001/00;

H04L-009/00; H04L-029/06

File Segment: EPI; EngPI

7/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012766203 **Image available**
WPI Acc No: 1999-572331/199948
XRPX Acc No: N99-421754

**Machine system for protecting information from unauthorised access by
unauthorised programs**

Patent Assignee: SYMANTEC CORP (SYMA-N)
Inventor: GRAWROCK D

Number of Countries: 019 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9949380	A1	19990930	WO 99US5070	A	19990308	199948 B

Priority Applications (No Type Date): US 9847316 A 19980324

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9949380 A1 E 82 G06F-001/00

Designated States (National): CA

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE

Abstract (Basic): WO 9949380 A1

NOVELTY - **Automatic decryption** of file data on a per-use basis and **automatic**, optionally-delayed, re-**encryption** within a multi-threaded operating system, under which applications run real-time.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for; a method for use in a machine system; a machine system for maintaining confidential information in **encrypted** form; an **automatic** bubble-protection and **decryption** control mechanism; a machine implemented method for execution in an automated machine; a program distribution method; an instruction conveying apparatus for instructing a predefined, instructable machine to carry out bubble protection actions.

USE - Machine-implemented method for **automatic decryption** of file data on per-use basis, and **automatic**, optionally-delayed, re-**encryption** within context of multi-threaded operating system, under which applications run in real time.

ADVANTAGE - Prevents unauthorised Applets or similar programs from accessing information owner to try to access either at all or within a specified time period.

DESCRIPTION OF DRAWING(S) - The drawing is a flow chart showing how a **file -OPEN** intercept operates in accordance with the invention.

pp; 82 DwgNo 2/6

Title Terms: MACHINE; SYSTEM; PROTECT; INFORMATION; UNAUTHORISED; ACCESS;

UNAUTHORISED; PROGRAM

Derwent Class: T01

International Patent Class (Main): G06F-001/00

File Segment: EPI

7/5/3 (Item 3 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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011407712 **Image available**

WPI Acc No: 1997-385619/199735

XRFX Acc No: N97-320997

Automatic encrypting and decrypting system for secure file system - has files automatically decrypted upon opening and encrypted on closing with possible use of exception lists and delayed encryption

Patent Assignee: SYMANTEC CORP (SYMA-N)

Inventor: GRAWROCK D; LOHSTROH S; MCDONNAL W E

Number of Countries: 021 Number of Patents: C

Patent Family:

Patent No	Kind	Date	Applicat No	Ki
WO 9726736	A1	19970724	WO 97US723	A
US 5699428	A	19971216	US 96586511	A
US 5796825	A	19980818	US 96586511	A
			US 97944397	A
EP 1008249	A1	20000614	EP 97905587	A
			WO 97US723	A

*See packet
marked
"cited" patents
& references*

Priority Applications (No Type Date): US 96586511 A 19960116; US 97944397 A 19971006

Cited Patents: US 5394469; US 5481701; US 5584022; US 5606610

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9726736 A1 E 96 H04L-009/00

Designated States (National): CA JP

Designated States (Regional): AT BE CH DE DK ES FI FR GR IE IT LU MC
NL PT SE

US 5699428 A 35 H04L-009/00

US 5796825 A H04L-009/00 Div ex application US 96586511
Div ex patent US 5699428

EP 1008249 A1 E H04L-009/00 Based on patent WO 9726736

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE

Abstract (Basic): WO 9726736 A

The system for maintaining confidential information, generally in an encrypted format whilst allowing for decryption into temporary plaintext form has a memory for storing digital data files. The memory holds encrypted confidential files and plaintext nonconfidential files. A decrypting mechanism is used for decrypting the confidential files.

A recryption controller selects one of the files for decryption and then **automatically** eliminates the **decrypted** data at a later stage. The recryption controller responds to a supplied exclusion list which identifies one or more files that are not to be selected for decryption.

USE/ADVANTAGE - Provides automatic file security control that avoids depending on human actions. Uses only limited computer power. Automatically eliminates plaintext versions of data immediately after use.

Dwg.1/17

Title Terms: AUTOMATIC; SYSTEM; SECURE; FILE; SYSTEM; FILE; AUTOMATIC; OPEN
; ENCRYPTION; CLOSE; POSSIBILITY; LIST; DELAY; ENCRYPTION

Derwent Class: T01; W01

International Patent Class (Main): H04L-009/00

File Segment: EPI

7/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011064687 **Image available**

WPI Acc No: 1997-042612/199704

XRPX Acc No: N97-035479

Enciphered file sharing method for distributed computer system - involves distributing cipher key, assigned to specific directory, to user of second processing unit to access accessible directories

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: AKIYAMA R; HASEBE T; KIKUCHI H; TORII N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5584022	A	19961210	US 93160883	A	19931203	199704 B

Priority Applications (No Type Date): JP 92323950 A 19921203

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5584022	A	16	G06F-015/00	

Abstract (Basic): US 5584022 A

The method involves assigning a cipher key to each of a series of directories storing encipher files by a first data processing unit which functions as a **file** server. A set of the directories are determined as **accessible** by the users of each of the data processing units. The cipher keys of the accessible directories, other than one predetermined specific directory, are enciphered. The cipher key which is assigned to the specific directory is distributed to the user of a second data processing unit.

The files of the specific directory are enciphered and deciphered using the cipher key of the specific directory to access the specific directory of the first data processing unit. The cipher keys of the set of accessible directories enciphered by the cipher key of the specific directory are deciphered and stored in the specific directory to access

the accessible directories other than the specific directory.

USE/ADVANTAGE - Reduces information managed on user side whilst maintaining the security. **Automatically** calculates cipher key of specific directory by specifying specific directory in file access support interface for deciphering.

Dwg. 6/7

Title Terms: ENCIPHER; FILE; SHARE; METHOD; DISTRIBUTE; COMPUTER; SYSTEM; DISTRIBUTE; CIPHER; KEY; ASSIGN; SPECIFIC; DIRECTORY; USER; SECOND; PROCESS; UNIT; ACCESS; ACCESS; DIRECTORY

Derwent Class: T01

International Patent Class (Main): G06F-015/00

International Patent Class (Additional): G06F-009/00; G06F-009/04

File Segment: EPI

7/5/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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007579075

WPI Acc No: 1988-213007/198830

XRPX Acc No: N88-162392

Security system for personal microcomputer - combines hardware and software to provide tamper-proof protection of user and file access

Patent Assignee: COMPUTER SECURITY CORP (COMP-N)

Inventor: ALLEN M J; LANGLOIA J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4757533	A	19880712	US 85774821	A	19850911	198830 B

Priority Applications (No Type Date): US 85774821 A 19850911

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4757533	A		36		

Abstract (Basic): US 4757533 A

The hardware component of the system is an expansion board for insertion into an expansion slot of the PC, and has a first EPROM chip containing four portions of machine code for initializing system function calls and for establishing the proper boot-processing of the PC; a second RAM chip serving as scratch pad memory; a third EEPROM chip storing passwords, audit trail log, protection and **encryption** system flags, and user-access rights; a fourth **automatic** encryption and **decryption** chip for files of the PC; and a fifth clock chip for the audit.

The software component includes a batch file that runs a program in conjunction with the machine code on the EPROM of the expansion board ensuring access is gained only for valid users.

0/19

Title Terms: SECURE; SYSTEM; PERSON; MICROCOMPUTER; COMBINATION; HARDWARE; SOFTWARE; TAMPER; PROOF; PROTECT; USER; FILE; ACCESS

Derwent Class: T01

International Patent Class (Additional): H04L-009/00

File Segment: EPI

7/5/6 (Item 1 from file: 347)

DIALOG(R) File 347:JAPIO

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02979679

****Image available****

SYSTEM FOR ENCIPHERING AND DECODING FILE

PUB. NO.: 01-277279 [JP 1277279 A]

PUBLISHED: November 07, 1989 (19891107)

INVENTOR(s): KOBAYASHI SHIGERU

APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP

(Japan)
APPL. NO.: 63-106267 [JP 88106267]
FILED: April 28, 1988 (19880428)
INTL CLASS: [4] G09C-001/00; G06F-012/14
JAPIO CLASS: 44.9 (COMMUNICATION -- Other); 45.2 (INFORMATION PROCESSING
-- Memory Units)
JOURNAL: Section: P, Section No. 997, Vol. 14, No. 48, Pg. 86, January
29, 1990 (19900129)

ABSTRACT

PURPOSE: To protect the secrecy of software by delivering an **enciphered** data file to a data processing means after decoding **automatically** at a stage making **file access** according to a **file** readout request from the data processing means.

CONSTITUTION: When the amount of data requested to a data processing part 20 of enciphered data in an enciphered data file 11 is stored in a data delivery area 21, a file readout completion request is issued from the data processing part 20, then, the enciphered data file 11 is closed. As a result, for example, in case of storing an enciphered source program in the enciphered data file 11, an application program can be generated by reading in the enciphered data file 11 as decoding the file by using the same key word as that in the generation of the source program by the data processing part 20. However, in the above process, no decoded program can be observed by a user. In such a way, it is possible to protect the secrecy of the software

10/5/1 (Item 1 from File: 347)
DIALOG(R)File 347:JAPIO
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05772035 **Image available**
CIPHERING/DECIPHERING DEVICE AND METHOD USING PROGRAMMABLE LOGIC
ELEMENT/DEVICE

PUB. NO.: 10-055135 [JP 10055135 A]
PUBLISHED: February 24, 1998 (19980224)
INVENTOR(s): KITAJIMA HIRONOBU
FUEKI SHUNSUKE
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 08-211227 [JP 96211227]
FILED: August 09, 1996 (19960809)
INTL CLASS: [6] G09C-001/00; G09C-001/10
JAPIO CLASS: 44.9 (COMMUNICATION -- Other)
JAPIO KEYWORD: R102 (APPLIED ELECTRONICS -- Video Disk Recorders, VDR); R138
(APPLIED ELECTRONICS -- Vertical Magnetic & Photomagnetic
Recording)

ABSTRACT

PROBLEM TO BE SOLVED: To realize a ciphering/deciphering technology which is capable of changing an algorithm flexibly in accordance with the condition of a necessary secrecy or the like and which is of high speed.

SOLUTION: When this device receives **changing** data, a hardware description language compiler 27 takes out a corresponding ciphering/deciphering algorithm **file** 24 from a database 23 to compile it by using a hardware description language library 26 generated by a hardware description language library generator 25. A configuration device 29 changes a ciphering/deciphering circuit by writing a mapping data object 28 generated in this manner to a programmable logic element/device 30. Since the constitution of the **ciphering /deciphering** circuit is **automatically** changed based on the changing data. the changing of a **ciphering / deciphering** algorithm is facilitated.

11/5/1 (Item 1 from File: 350)
DIALOG(R) File 350:Derwent WPIX
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013386588 **Image available**
WPI Acc No: 2000-558526/200051
XRPX Acc No: N00-413287

Electronic file encryption method for cryptographic system, involves
executing change command completely by executing command relevant to
encrypted file obtained using key value
Patent Assignee: MAHNE C (MAHN-I); MAZ TECHNOLOGIES INC (MAZT-N); TOWNSLEY
K (TOWN-I); VON BURNS S (VBUR-I); ZIZZI S (ZIZZ-I)
Inventor: MAHNE C ; TOWNSLEY K ; VON BURNS S ; ZIZZI S
Number of Countries: 070 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
WO 200052875 A1 20000908 WO 2000US5169 A 20000301 200051 B

Priority Applications (No Type Date): US 99259991 A 19990301

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
WO 200052875 A1 E 37 H04L-009/00
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG UZ VN YU ZW

Abstract (Basic): WO 200052875 A1

NOVELTY - A change command issued relevant to accessed file and is
intercepted. The file is encrypted using encryption key value. The
change command is then executed completely by executing the command
relevant to the encrypted file.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for
electronic file decrypting method.

USE - For cryptographic systems used in managing electronic
documents in server network of Internet.

ADVANTAGE - Enables user to encrypt and decrypt documents easily,
thereby raises authentication of files.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of
cryptographic system.

pp; 37 DwgNo 3/5

Title Terms: ELECTRONIC; FILE; ENCRYPTION; METHOD; CRYPTOGRAPHIC; SYSTEM;
EXECUTE; CHANGE; COMMAND; COMPLETE; EXECUTE; COMMAND; RELEVANT;
ENCRYPTION; FILE; OBTAIN; KEY; VALUE

Derwent Class: W01

International Patent Class (Main): H04L-009/00

International Patent Class (Additional): H04L-009/32

File Segment: EPI

?

Set	Items	Description	
S1	2	AX=1997-385619 + AX=1999-572331 + DX=1997-385619 + DX=1999-572331	(Reviewed Titles and Patents)

?

1/5/1

DIALOG(R)File 342:Derwent Patents Citation Indx
(c) 2000 Derwent Info Ltd. All rts. reserv.

03726613 WPI Acc No: 99-572331 /48

Machine system for protecting information from unauthorised access by unauthorised programs -

Patent Assignee: (SYMA-) SYMANTEC CORP

Author (Inventor): GRAWROCK D

Patent Family:

Patent No	Kind	Date	Examiner	Field of Search
WO 9949380	A1	990930	(BASIC)	

Derwent Week (Basic): 9948

Priority Data: US 47316 (980324)

Applications: WO 99US5070 (990308)

Designated States

(National): CA

(Regional): AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;
NL; PT; SE

Derwent Class: T01

Int Pat Class: G06F-001/00

Number of Patents: 001

Number of Countries: 019

Number of Cited Patents: 006

Number of Cited Literature References: 000

Number of Citing Patents: 000

CITED PATENTS

Family Member	Cited Patent	Cat	WPI Acc No	Assignee/Inventor
By Examiner:				
WO 9949380	A EP 667572	A Y	95-276770/37	(IBMC) INT BUSINESS MACHINES CORP/WOLF T J
WO 9949380	A EP 778512	A A	97-300460/28	(SUNM) SUN MICROSYSTEMS INC/ROSE J R
WO 9949380	A US 4757533	A A	88-213007/30	(COMP-) COMPUTER SECURITY CORP/ALLEN M J; LANGLOIA J
WO 9949380	A WO 9220022	A Y	92-399078/48	(DIGI) DIGITAL EQUIP CORP/WYMAN R M
WO 9949380	A WO 9726736	A	97-385619/35	(SYMA-) SYMANTEC CORP/MCDONNAL W D; LOHSTROH S; GRAWROCK D
WO 9949380	A WO 9737316	A Y	97-503309/46	(COPY-) COPYRIGHT CLEARANCE CENT INC/JOHNSON W W; ATKINS C J; YOH J A

1/5/2

DIALOG(R)File 342:Derwent Patents Citation Indx
(c) 2000 Derwent Info Ltd. All rts. reserv.

02961593 WPI Acc No: 97-385619 /35

Automatic encrypting and decrypting system for secure file system - has files automatically decrypted upon opening and encrypted on closing with possible use of exception lists and delayed encryption

Patent Assignee: (SYMA-) SYMANTEC CORP

Author (Inventor): MCDONNAL W D; LOHSTROH S; GRAWROCK D

Patent Family:

Patent No	Kind	Date	Examiner	Field of Search
WO 9726736	A1	970724	(BASIC)	
EP 1008249	A1	000614		
US 5699428	A	971216	380/25; 380/4; 380/49	
US 5796825	A	980818	380/25; 380/4; 380/49	

Derwent Week (Basic): 9735

Priority Data: US 586511 (960116)

Applications: US 586511 (960116); EP 97905587 (970115); WO 97US723 (970115); US 944397 (971006)

Designated States

(National): CA; JP
 (Regional): AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC;
 NL; PT; SE
 Derwent Class: T01; W01
 Int Pat Class: H04L-009/00
 Number of Patents: 004
 Number of Countries: 021
 Number of Cited Patents: 012
 Number of Cited Literature References: 001
 Number of Citing Patents: 012

CITED PATENTS

Family Member	Cited Patent	Cat	WPI Acc No	Assignee/Inventor
By Examiner:				
US 5699428	A US 5394469	A	95-106500/14 (INFO-)	INFOSAFE SYSTEMS INC/LIPSCOMB T H; NAGEL R
US 5699428	A US 5584022	A	97-042612/04 (FUIT)	FUJITSU LTD/ HASEBE T; AKIYAMA R; KIKUCHI H; TORII N
US 5699428	A US 5606610	A	95-004229/01 (ANON-)	ANONYMITY PROTECTION IN SWEDEN AB/JOHANSSON J
US 5796825	A US 5394469	A	95-106500/14 (INFO-)	INFOSAFE SYSTEMS INC/LIPSCOMB T H; NAGEL R
US 5796825	A US 5481701	A	93-288617/36 (SALI-)	SALIENT SOFTWARE INC/CHAMBERS L L
US 5796825	A US 5584022	A	97-042612/04 (FUIT)	FUJITSU LTD/ HASEBE T; AKIYAMA R; KIKUCHI H; TORII N
US 5796825	A US 5606610	A	95-004229/01 (ANON-)	ANONYMITY PROTECTION IN SWEDEN AB/JOHANSSON J
US 5796825	A US 5699428	A	97-385619/35 (SYMA-)	SYMANTEC CORP/ MCDONNAL W D; LOHSTROH S; GRAWROCK D
WO 9726736	A US 5394469	A A	95-106500/14 (INFO-)	INFOSAFE SYSTEMS INC/LIPSCOMB T H; NAGEL R
WO 9726736	A US 5481701	A A	93-288617/36 (SALI-)	SALIENT SOFTWARE INC/CHAMBERS L L
WO 9726736	A US 5584022	A	97-042612/04 (FUIT)	FUJITSU LTD/ HASEBE T; AKIYAMA R; KIKUCHI H; TORII N
WO 9726736	A US 5606610	A T	95-004229/01 (ANON-)	ANONYMITY PROTECTION IN SWEDEN AB/JOHANSSON J

CITED LITERATURE REFERENCES

Family Member	Cat	Citation
By Examiner:		
EP 1008249	A	See references of WO 9726736A

CITING PATENTS

Family Member	Citing Patent	Cat	WPI Acc No	Assignee/Inventor
By Examiner:				
US 5699428	A US 5796825	A	97-385619/35 (SYMA-)	SYMANTEC CORP/ MCDONNAL W D; LOHSTROH S; GRAWROCK D
US 5699428	A US 5870468	A	98-038797/01 (IBMC)	IBM CORP
US 5699428	A US 5937063	A	98-240462/21 (ITLC)	INTEL CORP/DAVIS D L
US 5699428	A US 5987464	A	00-012915/02 (SCHN/)	SCHNEIDER E/ SCHNEIDER E
US 5699428	A US 5987492	A	99-265666/21 (SUNM)	SUN MICROSYSTEMS INC/YUE K K; STEIN D A; SEBREE M A
US 5699428	A US 5987572	A	00-022448/02 (ITLC)	INTEL CORP/GORMAN S; WEIDNER A
US 5796825	A US 5987572	A	00-022448/02 (ITLC)	INTEL CORP/GORMAN S; WEIDNER A
WO 9726736	A1 US 5991778	A	99-277133/21 (STRA-)	STRATFOR SYSTEMS INC/STAREK R P; FRIEDMAN G; MARSHALL D E; CHAMBERS J L; MOORMAN M J; NEWGARD T S

US 5699428 A US 6023506 97-445468/41 (HITA) HITACHI LTD
US 5796825 A US 6023506 A 97-445468/41 (HITA) HITACHI LTD
US 5699428 A US 6035379 A 00-237104/22 (MICR-) MICROSOFT CORP/
RAJU S C V; PELTONEN K G
US 5699428 A US 6094531 A 00-637295/62 (HEWP) HEWLETT-PACKARD
CO/ALLISON M; SPRAGUE F; GILLESPIE R W
?

Set	Items	Description
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S1	14	AX=88-213007 + AX=92-399078 + AX=93-288617 + AX=95-004229 + AX=95-106500 + AX=95-276770 + AX=97-042612 + AX=97-300460 + - AX=97-385619 + AX=97-503309
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(Reviewed Title)

S2	12	AX=00-012915 + AX=00-022448 + AX=00-237104 + AX=00-637295 + AX=97-385619 + AX=97-445468 + AX=98-038797 + AX=98-240462 + AX=99-265666 + AX=99-277133
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(Reviewed Title)

S3	25	S1 OR S2
?		

1/5/1

DIALOG(R)File 350:Derwent WPIX
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011526823 **Image available**
WPI Acc No: 1997-503309 /199746
XRPX Acc No: N97-419474

Data storage device in computer system for managing and authorising rights - has works and rights tables with program identifying one work and searches rights table to find if using date field authorisation to work is available

Patent Assignee: COPYRIGHT CLEARANCE CENT INC (COPY-N)

Inventor: ATKINS C J; JOHNSON W W; YOH J A; YOH J

Number of Countries: 077 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9737316	A1	19971009	WO 97US5063	A	19970328	199746 B
AU 9724252	A	19971022	AU 9724252	A	19970328	199808
EP 829059	A1	19980318	EP 97919942	A	19970328	199815
			WO 97US5063	A	19970328	
US 5991876	A	19991123	US 96625905	A	19960401	200002
AU 719229	B	20000504	AU 9724252	A	19970328	200030

Priority Applications (No Type Date): US 96625905 A 19960401

Cited Patents: 1.Jnl.Ref; US 5204897; US 5291596

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9737316	A1	E	28	G06F-017/60	
Designated States (National): AL AM AT AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU					
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
AU 9724252	A			G06F-017/60	Based on patent WO 9737316
EP 829059	A1	E		G06F-017/60	Based on patent WO 9737316
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
US 5991876	A			H04L-009/00	
AU 719229	B			G06F-017/60	Previous Publ. patent AU 9724252 Based on patent WO 9737316

Abstract (Basic): WO 9737316 A

The data storage device includes a works table (300) with records representing several works, and a rights table (308) with records representing several rights. Each right is associated with a work and includes a date field. A computer software program identifies one of the works and searches the rights table.

The search is carried out to determine, using the date field whether or not authorisation to the work is available. Each right in the rights table is limited to a particular type of use. The computer software program uses the types of use and a work relation table to determine authorisation.

USE/ADVANTAGE - For authorising uses of intellectual property rights, real property interests, contract interests and similar items. Provides clearing house functions while accounting for problems of time variability, type of use and granularity.

Dwg.3/7

Title Terms: DATA; STORAGE; DEVICE; COMPUTER; SYSTEM; MANAGE; AUTHORISE; WORK; TABLE; PROGRAM; IDENTIFY; ONE; WORK; SEARCH; TABLE; FINDER; DATE; FIELD; AUTHORISE; WORK; AVAILABLE

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60; H04L-009/00

File Segment: EPI

1/5/2

DIALOG(R)File 350:Derwent WPIX

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011407712 **Image available**

WPI Acc No: 1997-385619 /199735

XRPX Acc No: N97-320997

Automatic encrypting and decrypting system for secure file system - has files automatically decrypted upon opening and encrypted on closing with possible use of exception lists and delayed encryption

Patent Assignee: SYMANTEC CORP (SYMA-N)

Inventor: GRAWROCK D; LOHSTROH S; MCDONNALL W D

Number of Countries: 021 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9726736	A1	19970724	WO 97US723	A	19970115	199735 B
US 5699428	A	19971216	US 96586511	A	19960116	199805
US 5796825	A	19980818	US 96586511	A	19960116	199840
			US 97944397	A	19971006	
EP 1008249	A1	20000614	EP 97905587	A	19970115	200033
			WO 97US723	A	19970115	

Priority Applications (No Type Date): US 96586511 A 19960116; US 97944397 A 19971006

Cited Patents: US 5394469; US 5481701; US 5584022; US 5606610

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9726736 A1 E 96 H04L-009/00

Designated States (National): CA JP

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

US 5699428 A 35 H04L-009/00

US 5796825 A H04L-009/00

Div ex application US 96586511

Div ex patent US 5699428

EP 1008249 A1 E H04L-009/00 Based on patent WO 9726736

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Abstract (Basic): WO 9726736 A

The system for maintaining confidential information, generally in an encrypted format whilst allowing for decryption into temporary plaintext form has a memory for storing digital data files. The memory holds encrypted confidential files and plaintext nonconfidential files. A decrypting mechanism is used for decrypting the confidential files.

A decryption controller selects one of the files for decryption and then automatically eliminates the decrypted data at a later stage. The decryption controller responds to a supplied exclusion list which identifies one or more files that are not to be selected for decryption.

USE/ADVANTAGE - Provides automatic file security control that avoids depending on human actions. Uses only limited computer power. Automatically eliminates plaintext versions of data immediately after use.

Dwg.1/17

Title Terms: AUTOMATIC; SYSTEM; SECURE; FILE; SYSTEM; FILE; AUTOMATIC; OPEN ; ENCRYPTION; CLOSE; POSSIBILITY; LIST; DELAY; ENCRYPTION

Derwent Class: T01; W01

International Patent Class (Main): H04L-009/00

File Segment: EPI

1/5/3

DIALOG(R)File 350:Derwent WPIX

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011322556 **Image available**

WPI Acc No: 1997-300460 /199728

XRPX Acc No: N97-248253

Managing usage of application program by user on distributed computer system - in which executable version of application program received from

server is generated upon verification that user has predetermined access conditions

Patent Assignee: SUN MICROSYSTEMS INC (SUNM)

Inventor: ROSE J R

Number of Countries: 007 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 778512	A2	19970611	EP 96308246	A	19961114	199728	B
JP 9288575	A	19971104	JP 96326570	A	19961206	199803	
US 5708709	A	19980113	US 95569804	A	19951208	199809	

Priority Applications (No Type Date): US 95569804 A 19951208

Cited Patents: No-SR.Pub

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 778512	A2	E 16	G06F-001/00	

Designated States (Regional): DE FR GB IT NL

JP 9288575	A	21	G06F-009/06
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US 5708709	A	15	H04L-009/32
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Abstract (Basic): EP 778512 A

The method for managing application program usage involves recognising a user request to access the application program, and transmitting a transmission version of the application program to a computer associated with the user for receipt and storage, only when predetermined access conditions have been determined as being satisfied, e.g. ownership of a valid license to an application builder module which performs verification and generation.

The method further involves, prior to execution of the program, that the user is currently entitled to execute the received application program. An executable version of the application program is generated from the transmission version of the program, only if verification is confirmed.

USE/ADVANTAGE - Managing distribution of licensed application programs stored on server over distributed computer system, e.g. for try-and-buy usage of application programs that expire after predefined trial privileges. Maintains control over program after program has been distributed to client computer from provider on information server.

Dwg.1/9

Title Terms: MANAGE; APPLY; PROGRAM; USER; DISTRIBUTE; COMPUTER; SYSTEM; EXECUTE; VERSION; APPLY; PROGRAM; RECEIVE; SERVE; GENERATE; VERIFICATION; USER; PREDETERMINED; ACCESS; CONDITION

Derwent Class: P85; T01

International Patent Class (Main): G06F-001/00; G06F-009/06; H04L-009/32

International Patent Class (Additional): G06F-012/14; G06F-013/00;

G06F-015/16; G09C-001/00; H04L-009/30

File Segment: EPI; EngPI

1/5/4

DIALOG(R)File 350:Derwent WPIX

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011064687 **Image available**

WPI Acc No: 1997-042612 /199704

XRPX Acc No: N97-035479

Enciphered file sharing method for distributed computer system - involves distributing cipher key, assigned to specific directory, to user of second processing unit to access accessible directories

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: AKIYAMA R; HASEBE T; KIKUCHI H; TORII N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5584022	A	19961210	US 93160883	A	19931203	199704	B

Priority Applications (No Type Date): JP 92323950 A 19921203

Patent Details:

Abstract (Basic): US 5584022 A

The method involves assigning a cipher key to each of a series of directories storing encipher files by a first data processing unit which functions as a file server. A set of the directories are determined as accessible by the users of each of the data processing units. The cipher keys of the accessible directories, other than one predetermined specific directory, are enciphered. The cipher key which is assigned to the specific directory is distributed to the user of a second data processing unit.

The files of the specific directory are enciphered and deciphered using the cipher key of the specific directory to access the specific directory of the first data processing unit. The cipher keys of the set of accessible directories enciphered by the cipher key of the specific directory are deciphered and stored in the specific directory to access the accessible directories other than the specific directory.

USE/ADVANTAGE - Reduces information managed on user side whilst maintaining the security. Automatically calculates cipher key of specific directory by specifying specific directory in file access support interface for deciphering.

Dwg. 6/7

Title Terms: ENCIPHER; FILE; SHARE; METHOD; DISTRIBUTE; COMPUTER; SYSTEM; DISTRIBUTE; CIPHER; KEY; ASSIGN; SPECIFIC; DIRECTORY; USER; SECOND; PROCESS; UNIT; ACCESS; ACCESS; DIRECTORY

Derwent Class: T01

International Patent Class (Main): G06F-015/00

International Patent Class (Additional): G06F-009/00; G06F-009/04

File Segment: EPI

1/5/5

DIALOG(R) File 350:Derwent WPIX

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010375456 **Image available**

WPI Acc No: 1995-276770 /199537

XRPX Acc No: N95-211668

Application program management method for distributed systems - searching applications header file for operating system kernel dynamic-linked-library reference for replacement with intercept routine DLL reference

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: WOLF T J

Number of Countries: 005 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 667572	A1	19950816	EP 95480004	A	19950124	199537 B
JP 7230380	A	19950829	JP 94289422	A	19941124	199543
US 5673315	A	19970930	US 94196913	A	19940215	199745
			US 95506045	A	19950724	

Priority Applications (No Type Date): US 94196913 A 19940215; US 95506045 A 19950724

Cited Patents: 1.Jnl.Ref; EP 332304; EP 543588; US 4590557

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 667572 A1 E 16 G06F-009/445

Designated States (Regional): DE FR GB

JP 7230380 A 11 G06F-009/06

US 5673315 A 12 H04L-009/32 Cont of application US 94196913

Abstract (Basic): EP 667572 A

The method of managing an application program utilisation by detecting attempted execution of any application program by the processor involves reaching an application program header of dynamic-linked-library-references, and loading any

dynamic-linked-library (DLL) routines identified in the header, into program memory. Program logic found in any of the DLL routines is executed.

A DLL containing an operating system kernel permitting execution of the application program is loaded into program memory, only if at least one DLL routine satisfies management condition logic permitting execution of the application program.

USE/ADVANTAGE - Managing attempted installation and/or use of software assets e.g. application programs in distributed or network environment, by detecting attempted invocation of execution of any application program.

Dwg.2/4

Title Terms: APPLY; PROGRAM; MANAGEMENT; METHOD; DISTRIBUTE; SYSTEM; SEARCH; APPLY; HEADER; FILE; OPERATE; SYSTEM; KERNEL; DYNAMIC; LINK; LIBRARY; REFERENCE; REPLACE; INTERCEPT; ROUTINE; DLL; REFERENCE

Derwent Class: T01

International Patent Class (Main): G06F-009/06; G06F-009/445; H04L-009/32

International Patent Class (Additional): G06F-001/00; G06F-011/34;

G06F-012/14

File Segment: EPI

1/5/6

DIALOG(R)File 350:Derwent WPIX

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010205246 **Image available**

WPI Acc No: 1995-106500 /199514

XRPX Acc No: N95-084289

Secure information retrieval from mass storage media - using decryption controller on SCSI bus which retrieves information from mass storage device, decrypts it and passes it to host computer

Patent Assignee: INFOSAFE SYSTEMS INC (INFO-N)

Inventor: LIPSCOMB T H; NAGEL R; LIPSCOMBE T H; NAGEL R H

Number of Countries: 061 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5394469	A	19950228	US 94198733	A	19940218	199514 B
WO 9522796	A1	19950824	WO 95US2072	A	19950209	199539
AU 9519236	A	19950904	AU 9519236	A	19950209	199549
WO 9624893	A1	19960815	WO 95US1531	A	19950206	199638 N
AU 9518392	A	19960827	AU 9518392	A	19950206	199649 N
			WO 95US1531	A	19950206	

Priority Applications (No Type Date): US 94198733 A 19940218; WO 95US1531 A 19950206; AU 9518392 A 19950206

Cited Patents: DE 40344444; WO 9002382; EP 583140; GB 2238408; US 4627074; US 5247575; US 5297207

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 5394469 A 11 H04L-009/00

WO 9522796 A1 E 27 G06F-012/14

Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG

AU 9519236 A G06F-012/14 Based on patent WO 9522796

WO 9624893 A1 E 35 G06F-001/00

Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE

AU 9518392 A G06F-001/00 Based on patent WO 9624893

Abstract (Basic): US 5394469 A

The appts. for retrieving information packets from a mass storage

device, at least some which are encrypted, has a digital bus that transmits address information, control information and data from a call initiating unit to one or more receivers. Each unit connected to the bus has an associated bus address. A host computer has a first address, a mass storage device a second and a decryption controller a third. The decryption controller has a control unit, a memory and a decryption unit.

The host computer stores the third address as the mass storage device address and sends information requests to the decryption controller in lieu of the mass storage device. The decryption controller receives the requests and sends information requests to the mass storage device, stores the packets received from the mass storage device, decrypts encrypted portions as required and transmits the information packets, in decrypted form, to the host computer.

USE/ADVANTAGE - Not susceptible to attack or compromise by user. Does not require reconfiguration of PC at user side.

Dwg.2/7

Title Terms: SECURE; INFORMATION; RETRIEVAL; MASS; STORAGE; MEDIUM;
 DECRYPTER; CONTROL; BUS; RETRIEVAL; INFORMATION; MASS; STORAGE; DEVICE;
 PASS; HOST; COMPUTER
 Derwent Class: T01; W01
 International Patent Class (Main): G06F-001/00; G06F-012/14; H04L-009/00
 International Patent Class (Additional): H04L-009/06
 File Segment: EPI

1/5/7

DIALOG(R)File 350:Derwent WPIX
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010102976 **Image available**
 WPI Acc No: 1995-004229 /199501
 XRPX Acc No: N95-003483

Data information storing equipment - covers original identity and corresp. describing information, original identity being encoded by first algorithm to an updating identity

Patent Assignee: ANONYMITY PROTECTION IN SWEDEN AB (ANON-N)

Inventor: JOHANSSON J

Number of Countries: 058 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
SE 501128	B	19941121	SE 933984	A	19931130	199501 B
WO 9515628	A1	19950608	WO 94SE882	A	19940923	199528
NO 9502546	A	19950717	WO 94SE882	A	19940923	199539
			NO 952546	A	19950626	
AU 9481183	A	19950619	AU 9481183	A	19940923	199540
FI 9503564	A	19950726	WO 94SE882	A	19940923	199542
			FI 953564	A	19950726	
BR 9406073	A	19951212	BR 946073	A	19940923	199606
			WO 94SE882	A	19940923	
AU 671049	B	19960808	AU 9481183	A	19940923	199640
EP 732014	A1	19960918	WO 94SE882	A	19940923	199642
			EP 95900329	A	19940923	
US 5606610	A	19970225	WO 94SE882	A	19940923	199714
			US 95464891	A	19950628	
CN 1116890	A	19960214	CN 94191037	A	19940923	199742
JP 9510305	W	19971014	WO 94SE882	A	19940923	199751
			JP 95515545	A	19940923	

Priority Applications (No Type Date): SE 933984 A 19931130

Cited Patents: WO 9311619

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
SE 501128	B	20	G09C-001/00	
WO 9515628	A1 E	21	H04K-001/00	

Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK ES
 FI GB GE HU JP KE KG KP KR KZ LK LT LU LV MD MG MN MW NL NO NZ PL PT RO
 RU SD SE SI SK TJ TT UA US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC
MW NL OA PT SD SE SZ

AU 9481183 A H04K-001/00 Based on patent WO 9515628
BR 9406073 A H04K-001/00 Based on patent WO 9515628
AU 671049 B H04K-001/00 Previous Publ. patent AU 9481183
Based on patent WO 9515628
EP 732014 A1 E 20 H04K-001/00 Based on patent WO 9515628
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC
NL PT SE
US 5606610 A 8 H04L-009/00 Based on patent WO 9515628
JP 9510305 W 21 G06F-015/00 Based on patent WO 9515628
NO 9502546 A H04K-001/00
FI 9503564 A H04K-000/00
CN 1116890 A G09C-001/00

Abstract (Basic): SE 501128 B

A first encoding component (50), by means of a first algorithm, encodes the original identity to an updating identity. A second encoding component (50), by means of a reversible algorithm, encodes the updating identity to a storage identity, which is stored, together with corresp. describing information, as a post on the storage medium (30,40).

A decoding component (50), at the times when the storage identities are selected, replaces stored posts with new storage identities, and decodes the storage identities to recover corresp. updating identities. The second encoding component at the same time, by means of an altered reversible algorithm, encodes the recovered updating identities to new storage identities, which replace the earlier storage identities.

USE/ADVANTAGE - Effectively recovers stored data information for both operative and strategic purposes. Achieves so-called longitudinal updating of strategic data information.

Dwg.1/3

Title Terms: DATA; INFORMATION; STORAGE; EQUIPMENT; COVER; ORIGINAL; IDENTIFY; CORRESPOND; DESCRIBE; INFORMATION; ORIGINAL; IDENTIFY; ENCODE; FIRST; ALGORITHM; UPDATE; IDENTIFY

Derwent Class: P85; T01; W01

International Patent Class (Main): G06F-015/00; G09C-001/00; H04K-000/00; H04K-001/00; H04L-009/00

International Patent Class (Additional): H04L-009/16

File Segment: EPI; EngPI

1/5/8

DIALOG(R)File 350:Derwent WPIX

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009871725 **Image available**

WPI Acc No: 1994-151638/199418

Related WPI Acc No: 1992-365683; 1993-288605; 1993-288617

XRPX Acc No: N94-118959

String search data-compressing processor - uses longest and closest Matching Old String in history buffer, and stores, in memory, data for identifying location of strings contg. preset code sequence and for indicating positional order relative to current location

Patent Assignee: SALIENT SOFTWARE INC (SALI-N)

Inventor: CHAMBERS L L

Number of Countries: 018 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9409567	A1	19940428	WO 93US9638	A	19931007	199418 B
US 5455943	A	19951003	US 92958008	A	19921008	199545
US 5577248	A	19961119	US 91759226	A	19910913	199701
			US 92839958	A	19920221	
			US 92840869	A	19920225	
			US 92958008	A	19921008	
			US 95468923	A	19950606	

Priority Applications (No Type Date): US 92958008 A 19921008; US 91759226 A

19910913; US 92839958 A 920221; US 92840869 A 19920225; US 95468923 A 19950606

Cited Patents: US 5016009; US 5150119; US 5228133; US 5243341; US 5253325

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9409567 A1 E 46 H03M-007/40

Designated States (National): JP

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

US 5455943 A 23 G06F-005/00

US 5577248 A 22 G06F-017/30

CIP of application US 91759226

CIP of application US 92839958

CIP of application US 92840869

Div ex application US 92958008

CIP of patent US 5155484

CIP of patent US 5426779

Div ex patent US 5455943

CIP of patent US 5481701

Abstract (Basic): WO 9409567 A

The longest and closest string in a history file (162a) is found prior to a current string (163). A search algorithm finds the longest matching old string (MOS) in the history buffer and where two MOS's are found to have the same length, the algorithm selects the string closest to the present task.

Linked lists speed the search. The linked lists define a fast-path array which points to all locations within the history buffer contg. a specified code sequence. Pointers to locations outside the history buffer (182.4f) are optionally removed and their space returned to memory free space.

USE - Computer-automated string matching applied to data compression using history buffer algorithm.

Dwg.1/1

Title Terms: STRING; SEARCH; DATA; COMPRESS; PROCESSOR; LONG; CLOSELY; MATCH; STRING; HISTORY; BUFFER; STORAGE; MEMORY; DATA; IDENTIFY; LOCATE; STRING; CONTAIN; PRESET; CODE; SEQUENCE; INDICATE; POSITION; ORDER; RELATIVE; CURRENT; LOCATE

Derwent Class: T01; U21

International Patent Class (Main): G06F-005/00; G06F-017/30; H03M-007/40

International Patent Class (Additional): G06F-015/40; G06F-017/00

File Segment: EPI

1/5/9

DIALOG(R)File 350:Derwent WPIX

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009595071 **Image available**

WPI Acc No: 1993-288617 /199336

Related WPI Acc No: 1992-365683; 1993-288605; 1994-151638

XRPX Acc No: N93-221958

Providing compressed data from compressed data file - by identifying given compressed data within compressed data file, and decompresses data to reconstruct given non-compressed data

Patent Assignee: SALIENT SOFTWARE INC (SALI-N)

Inventor: CHAMBERS L L

Number of Countries: 020 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9317393	A1	19930902	WO 93US1891	A	19930219	199336 B
AU 9337858	A	19930913	AU 9337858	A	19930219	199403
US 5481701	A	19960102	US 91759226	A	19910913	199607
			US 92840869	A	19920225	

Priority Applications (No Type Date): US 92840869 A 19920225; US 91759226 A 19910913

Cited Patents: US 4408301; US 4467421; US 4782325; US 4897717; US 4956808; US 5155484; US 5179651

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
WO 9317393 A1 E 62 G06F-015/40
Designated States (National): AU CA JP
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
PT SE
AU 9337858 A G06F-015/40 Based on patent WO 9317393
US 5481701 A 37 G06F-017/30 CIP of application US 91759226
CIP of patent US 5155484

Abstract (Basic): WO 9317393 A

The method involves identifying, within the compressed data file, the given compressed data which correspond to the given non-compressed data identified by the data request. The given compressed data comprises less than all data in the compressed data file. The given compressed data is then decompressed to reconstruct the given non-compressed data.

The method further includes providing the reconstructed non-compressed data in response to the data request, and caching the reconstructed non-compressed data. In response to a second subsequent data request, the data decompression operation is skipped.

ADVANTAGE - Improved throughput and system transparency.

Dwg.1/10

Title Terms: COMPRESS; DATA; COMPRESS; DATA; FILE; IDENTIFY; COMPRESS; DATA
; COMPRESS; DATA; FILE; DATA; RECONSTRUCT; NON; COMPRESS; DATA

Derwent Class: T01

International Patent Class (Main): G06F-015/40; G06F-017/30

International Patent Class (Additional): G06F-005/00; G06F-015/407

File Segment: EPI

1/5/10

DIALOG(R)File 350:Derwent WPIX

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009595059 **Image available**

WPI Acc No: 1993-288605/199336

Related WPI Acc No: 1992-365683; 1993-288617; 1994-151638

XRPX Acc No: N93-221946

String matching method for e.g. data compressor - involves determining for each array entry identified target string the length to which it matches current string

Patent Assignee: SALIENT SOFTWARE INC (SALI-N)

Inventor: CHAMBERS L L; CHAMBERS L

Number of Countries: 020 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9317378	A2	19930902	WO 93US1553	A	19930219	199336 B
AU 9337752	A	19930913	AU 9337752	A	19930219	199403
US 5426779	A	19950620	US 91759226	A	19910913	199530
			US 92839958	A	19920221	

Priority Applications (No Type Date): US 92839958 A 19920221; US 91759226 A 19910913

Cited Patents: No-SR.Pub

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
WO 9317378 A2 60 G06F-000/00
Designated States (National): AU CA JP
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL
PT SE
AU 9337752 A G06F-007/04 Based on patent WO 9317378
US 5426779 A 28 G06F-015/40 CIP of application US 91759226
CIP of patent US 5155484

Abstract (Basic): WO 9317378 A

The method involves accessing array entries in an array responsive to the current value at a current location in the buffer. Each array

entry identifies a value equal to the current value and location in the buffer prior to the current location. One or more array entries identify target strings. A length is determined, for each target string, to which the string matches the current string. The target string which matches the current string to a greatest length is identified, and the identification of the identified target string is provided.

USE/ADVANTAGE - Locates a longest prior target string matching a current string in a data buffer. Improved speed.

Dwg.1/19

Title Terms: STRING; MATCH; METHOD; DATA; COMPRESSOR; DETERMINE; ARRAY; ENTER; IDENTIFY; TARGET; STRING; LENGTH; MATCH; CURRENT; STRING

Derwent Class: T01

International Patent Class (Main): G06F-000/00; G06F-007/04; G06F-015/40

File Segment: EPI

1/5/11

DIALOG(R)File 350:Derwent WPIX

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009271666 **Image available**

WPI Acc No: 1992-399078 /199248

Related WPI Acc No: 1992-399077

XRPX Acc No: N92-304405

Distributed computer system licensed software item managing method - using filter function to obtain information from license authorisation for selected software item in response to request from node

Patent Assignee: DIGITAL EQUIP CORP (DIGI)

Inventor: WYMAN R M

Number of Countries: 038 Number of Patents: 013

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9220022	A1	19921112	WO 92US3812	A	19920506	199248 B
AU 9220158	A	19921221	AU 9220158	A	19920506	199311
			WO 92US3812	A	19920506	
EP 538453	A1	19930428	EP 92912052	A	19920506	199317
			WO 92US3812	A	19920506	
US 5204897	A	19930420	US 91722840	A	19910628	199317
			US 92914040	A	19920714	
US 5260999	A	19931109	US 91723457	A	19910628	199346
			US 92946009	A	19920915	
TW 223159	A	19940501	TW 92105077	A	19920627	199423
AU 659652	B	19950525	AU 9220158	A	19920506	199529
US 5438508	A	19950801	US 91723456	A	19910628	199536
			US 94304632	A	19940912	
NZ 243277	A	19951026	NZ 243277	A	19920623	199604
IL 102114	A	19960514	IL 102114	A	19920605	199633
EP 538453	B1	19990203	EP 92912052	A	19920506	199910
			WO 92US3812	A	19920506	
DE 69228350	E	19990318	DE 628350	A	19920506	199917
			EP 92912052	A	19920506	
			WO 92US3812	A	19920506	
IL 116271	A	19990312	IL 102114	A	19920605	199923
			IL 116271	A	19920605	

Priority Applications (No Type Date): US 91723457 A 19910628; US 91697652 A 19910508; US 91722840 A 19910628; US 91723456 A 19910628; US 92914040 A 19920714; US 92946009 A 19920915; US 94304632 A 19940912

Cited Patents: 1.Jnl.Ref; EP 332304

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9220022 A1 E 134 G06F-001/00

Designated States (National): AT AU BB BG BR CA CH CS DE DK ES FI GB HU JP KP KR LK LU MG MW NL NO PL RO RU SD SE

Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU MC NL OA SE

AU 9220158 A G06F-001/00 Based on patent WO 9220022

EP 538453 A1 E G06F-001/00 Based on patent WO 9220022
 Designated States (Regional): DE FR GB IT
 US 5204897 A 43 H04L-009/00 Cont of application US 91722840
 US 5260999 A 41 H04L-009/00 Cont of application US 91723457
 AU 659652 B G06F-015/21 Previous Publ. patent AU 9220158
 Based on patent WO 9220022
 US 5438508 A 43 G06F-017/40 Cont of application US 91723456
 EP 538453 B1 E G06F-001/00 Based on patent WO 9220022
 Designated States (Regional): DE FR GB IT
 DE 69228350 E G06F-001/00 Based on patent EP 538453
 Based on patent WO 9220022
 IL 116271 A G06F-001/00 Div ex application IL 102114
 Div ex patent IL 102114
 TW 223159 A G06F-015/21
 NZ 243277 A G06F-017/60
 IL 102114 A G06F-001/00

Abstract (Basic): WO 9220022 A

The method involves the computer system processor maintaining a store of license authorisation for the software items. Each authorisation includes an indication of license management policy for a software item. The indication has sets of policy components granting alternatives of specified restrictive rights to selectively access and execute the software components.

The processor can modify the specified restrictive rights of the policy of an identified license authorisation. The processor accesses the store using the filter to obtain information from the license authorisation for a selected software item in response to a node request. The node and software item identification are compared with the information to send a request grant or refused. USE/ADVANTAGE - For use in license management system to account for software product usage. Allows ne user node to use software produce an another node. Can be used with wide variety of software products from different vendors as long as all follow defined format.

d

Dwg.1/46

Title Terms: DISTRIBUTE; COMPUTER; SYSTEM; SOFTWARE; ITEM; MANAGE; METHOD; FILTER; FUNCTION; OBTAIN; INFORMATION; LICENCE; AUTHORISE; SELECT; SOFTWARE; ITEM; RESPOND; REQUEST; NODE

Derwent Class: T01

International Patent Class (Main): G06F-001/00; G06F-015/21; G06F-017/40; G06F-017/60; H04L-009/00

International Patent Class (Additional): G06F-013/24

File Segment: EPI

1/5/12

DIALOG(R)File 350:Derwent WPIX

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009271665 **Image available**

WPI Acc No: 1992-399077/199248

Related WPI Acc No: 1992-399078

XRPX Acc No: N92-304404

Distributed computer system license managing method - using product use authorisation structured to define license management policy allowing variety of license alternatives

Patent Assignee: DIGITAL EQUIP CORP (DIGI)

Inventor: WYMAN R M

Number of Countries: 036 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9220021	A1	19921112	WO 92US3608	A	19920501	199248	B
AU 9222470	A	19921221	AU 9222470	A	19920501	199311	
			WO 92US3608	A	19920501		
EP 538464	A1	19930428	EP 92914135	A	19920501	199317	
			WO 92US3608	A	19920501		
JP 6500878	W	19940127	JP 92511961	A	19920501	199409	

AU 659652	B	19950525	WO 92US3608	A	19920501	
NZ 242627	A	19950726	AU 9220158	A	19920506	199529
US 5745879	A	19980428	NZ 242627	A	19920506	199535
			US 91697652	A	19910508	199824
			US 94361884	A	19941222	
EP 538464	B1	19981230	US 95523919	A	19950906	
			EP 92914135	A	19920501	199905
DE 69228039	E	19990211	WO 92US3608	A	19920501	
			DE 628039	A	19920501	199912
			EP 92914135	A	19920501	
			WO 92US3608	A	19920501	
JP 3032788	B2	20000417	JP 92511961	A	19920501	200024
			WO 92US3608	A	19920501	

Priority Applications (No Type Date): US 91697652 A 19910508; US 91722840 A 19910628; US 91723456 A 19910628; US 91723457 A 19910628; US 94361884 A 19941222; US 95523919 A 19950906

Cited Patents: EP 332304; EP 398492

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
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WO 9220021	A1	E	79	G06F-001/00	
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Designated States (National): AT AU BB BG BR CA CH DE DK ES FI GB HU JP KP KR LK LU MG MW NL NO PL RO RU SD SE

Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU MC NL OA SE

JP 3032788	B2		25	G06F-009/06	Previous Publ. patent JP 6500878
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Based on patent WO 9220021

AU 9222470	A			G06F-001/00	Based on patent WO 9220021
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EP 538464	A1	E		G06F-001/00	Based on patent WO 9220021
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Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE

JP 6500878	W			G06F-009/06	Based on patent WO 9220021
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AU 659652	B			G06F-015/21	Previous Publ. patent AU 9220158
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Based on patent WO 9220022

US 5745879	A		20	G06F-017/60	Cont of application US 91697652
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Cont of application US 94361884

EP 538464	B1	E		G06F-001/00	Based on patent WO 9220021
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Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU MC NL SE

DE 69228039	E			G06F-001/00	Based on patent EP 538464
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Based on patent WO 9220021

NZ 242627	A			G06F-015/21	
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Abstract (Basic): WO 9220021 A

The method involves maintaining a store of license authorisations for licensed software items. Each license authorisation includes indication of license management policy for an item having sets of policy components.

A request is sent by a user to one of the software items to obtain permission to use the item. The request identifies the user and item. In response, the store is accessed to obtain information from the license authorisation for the software item. The identification of the user and software item are compared with the information, and with constraints imposed by the sets of license management policy components to produce a grant or refused for the request.

USE/ADVANTAGE - For managing use of and accounting for software produce items. Manangement policy having variety of alternative styles and contexts is provided. Reduced complexity.

Dwg.1/6

Title Terms: DISTRIBUTE; COMPUTER; SYSTEM; LICENCE; MANAGE; METHOD; PRODUCT ; AUTHORISE; STRUCTURE; DEFINE; LICENCE; MANAGEMENT; ALLOW; VARIETY; LICENCE; ALTERNATIVE

Derwent Class: T01

International Patent Class (Main): G06F-001/00; G06F-009/06; G06F-015/21; G06F-017/60

International Patent Class (Additional): G06F-013/00; G06F-015/00

File Segment: EPI

1/5/13

DIALOG(R)File 350:Derwent WPIX
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009238262 **Image available**

WPI Acc No: 1992-365683/199244

Related WPI Acc No: 1993-288605; 1993-288617; 1994-151638

XRPX Acc No: N92-278721

Data compressor with direct look-up table indexing into history buffer -
determines whether target string at target buffer location matches
current string to output vector to target location

Patent Assignee: SALIENT SOFTWARE INC (SALI-N)

Inventor: CHAMBERS L L

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5155484	A	19921013	US 91759226	A	19910913	199244 B
WO 9306661	A1	19930401	WO 92US7707	A	19920910	199314
AU 9225803	A	19930427	AU 9225803	A	19920910	199332
			WO 92US7707	A	19920910	

Priority Applications (No Type Date): US 91759226 A 19910913

Cited Patents: US 4988998; US 5016009; US 5049881

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 5155484	A		31	H03M-007/42	
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WO 9306661	A1	E	103		
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AU 9225803	A				
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Based on patent WO 9306661

Abstract (Basic): US 5155484 A

The apparatus includes appts. for maintaining a direct lookup table (DLT) array of DLT entries, each DLT entry being indexable in the DLT by a unique integer and identifying a location in the input data block. The apparatus further includes indexing appts. for using one or more bytes at a current location in the input data block as an integer to directly access a given DLT entry, contents of the given DLT entry identifying a target location in the input data block.

The compressor determines whether a target string at the target HB location matches a current string at the current HB location. If they do not match, the compressor outputs a literal representing a datum at the current location. If they match, the compressor outputs a vector from the current location to the target string.

USE/ADVANTAGE - In computer communications and virtual memory.
Maximises compression and decompression speed.

Dwg.1/13

Title Terms: DATA; COMPRESSOR; DIRECT; UP; TABLE; INDEX; HISTORY; BUFFER;
DETERMINE; TARGET; STRING; TARGET; BUFFER; LOCATE; MATCH; CURRENT; STRING;
; OUTPUT; VECTOR; TARGET; LOCATE

Derwent Class: T01; U21

International Patent Class (Main): H03M-007/42

File Segment: EPI

1/5/14

DIALOG(R)File 350:Derwent WPIX
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007579075

WPI Acc No: 1988-213007 /198830

XRPX Acc No: N88-162392

Security system for personal microcomputer - combines hardware and
software to provide tamper-proof protection of user and file access

Patent Assignee: COMPUTER SECURITY CORP (COMP-N)

Inventor: ALLEN M J; LANGLOIA J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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US 4757533 A 198807 US 85774821 A 19850911 8830 B

Priority Applications (No Type Date): US 85774821 A 19850911

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4757533	A		36		

Abstract (Basic): US 4757533 A

The hardware component of the system is an expansion board for insertion into an expansion slot of the PC, and has a first EPROM chip containing four portions of machine code for initializing system function calls and for establishing the proper boot-processing of the PC; a second RAM chip serving as scratch pad memory; a third EEPROM chip storing passwords, audit trail log, protection and encryption system flags, and user-access rights; a fourth automatic encryption and decryption chip for files of the PC; and a fifth clock chip for the audit .

The software component includes a batch file that runs a program in conjunction with the machine code on the EPROM of the expansion board ensuring access is gained only for valid users.

0/19

Title Terms: SECURE; SYSTEM; PERSON; MICROCOMPUTER; COMBINATION; HARDWARE; SOFTWARE; TAMPER; PROOF; PROTECT; USER; FILE; ACCESS

Derwent Class: T01

International Patent Class (Additional): H04L-009/00

File Segment: EPI

2/5/1

DIALOG(R) File 350:Derwent WPIX
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013465352

WPI Acc No: 2000-637295 /200061

XRPX Acc No: N00-472593

Installer machine for automatically installing operating system on computer, generates installation commands to serial port of computer via secondary interface

Patent Assignee: HEWLETT-PACKARD CO (HEWP)

Inventor: ALLISON M; GILLESPIE R W; SPRAGUE F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6094531	A	20000725	US 97937848	A	19970825	200061 B

Priority Applications (No Type Date): US 97937848 A 19970825

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6094531	A	14	G06F-009/445	

Abstract (Basic): US 6094531 A

NOVELTY - The installer machine (1) comprises a primary interface to receive instructions relating to installation job to be performed. A secondary interface receives data output from and outputs installation command to the serial port of the computer (3). A processor which receives data from the secondary interface via the serial port generates installation commands.

DETAILED DESCRIPTION - An installation command is a start sequence command which causes the computer to enter a boot ROM memory and causes the computer to output data from the serial port to the installer machine. An installation command other than start sequence command causes operating system (OS) to be automatically installed on the computer. An INDEPENDENT CLAIM is also included for a method to install an operating system on a computer.

USE - Used for installing OS on computer.

ADVANTAGE - The machine is capable of configuring several computers and installing OS on them either individually or simultaneously. The installer automatically installs OS without the need for human involvement during the installation process.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of network between installer and several computers.

Installer machine (1)

Computer (3)

pp; 14 DwgNo 1/5

Title Terms: INSTALLATION; MACHINE; AUTOMATIC; INSTALLATION; OPERATE; SYSTEM; COMPUTER; GENERATE; INSTALLATION; COMMAND; SERIAL; PORT; COMPUTER ; SECONDARY; INTERFACE

Derwent Class: T01

International Patent Class (Main): G06F-009/445

File Segment: EPI

2/5/2

DIALOG(R) File 350:Derwent WPIX
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013455685

WPI Acc No: 2000-627628/200060

Related WPI Acc No: 2000-237104

XRPX Acc No: N00-464973

Erasing of shadow copies from persistent secondary storage in computer system used in user data transaction processing, involves erasing name of one selected structure storage after lost closing of that storage

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: PELTONEN K G; RAJU S C V

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6078999	A	20000620	US 97785820	A	19970109	200060 B
			US 98222059	A	19981229	

Priority Applications (No Type Date): US 97785820 A 19970109; US 98222059 A 19981229

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6078999	A	25	G06F-012/16	Div ex application US 97785820 Div ex patent US 6035379

Abstract (Basic): US 6078999 A

NOVELTY - Shadow copy of user data stream held by selected structured storages, is generated by opening selected storages. Names of selected storages, are added to transaction table stored in persistent secondary storage based on opened storages. One of the selected storage is last closed. Name of closed storage is erased. The shadow copies of data stream of selected storage whose names remain in table is deleted.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) shadow copies erasing system;
- (b) shadow copies erasing program stored in recording medium

USE - For erasing shadow copies from persistent secondary storage for user data recovery in computer system for user data transaction processing during transfer of funds between bank accounts.

ADVANTAGE - Makes shadow copies of data streams rather than structured storages to decrease amount of memory required to maintain shadow copies, hence strikes balances between simple implementation and minimizing memory requirement. More than one data stream can be renamed since the transaction can modify more than one stream before committing the predefined changes.

DESCRIPTION OF DRAWING(S) - The figure depicts flowchart explaining the steps involved in user data recovery.

pp; 25 DwgNo 13/15

Title Terms: ERASE; SHADOW; COPY; PERSISTENT; SECONDARY; STORAGE; COMPUTER; SYSTEM; USER; DATA; TRANSACTION; PROCESS; ERASE; NAME; ONE; SELECT; STRUCTURE; STORAGE; AFTER; LOST; CLOSE; STORAGE

Derwent Class: T01; T05

International Patent Class (Main): G06F-012/16

File Segment: EPI

2/5/3

DIALOG(R)File 350:Derwent WPIX

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013065232 **Image available**

WPI Acc No: 2000-237104 /200020

Related WPI Acc No: 2000-627628

XRPX Acc No: N00-177827

Transaction processing method of user data in computer system, involves renaming internal copy of stream containing user data, when transaction request is forwarded

Patent Assignee: MICROSOFT CORP (MICR-N)

Inventor: PELTONEN K G; RAJU S C V

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6035379	A	20000307	US 97785820	A	19970109	200020 B

Priority Applications (No Type Date): US 97785820 A 19970109

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6035379	A	24	G06F-012/16	

Abstract (Basic): US 6035379 A

NOVELTY - One of streams of file system object having user data, is opened in a write mode, and an unique internal name is assigned to the copy of the stream. Necessary changes are applied to the internal copy of the stream, as a part of the selected transaction. If it is detected than no other transaction is accessing the storage in which the stream is contained, the stream is deleted, else it is renamed.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for processing program.

USE - For use in bank.

ADVANTAGE - Reduces amount of memory required for storage, by producing shadow copies of the streams rather than structured storage.

DESCRIPTION OF DRAWING(S) - The figure shows the flow chart illustrating the steps performed at the time of transaction.

pp; 24 DwgNo 11/15

Title Terms: TRANSACTION; PROCESS; METHOD; USER; DATA; COMPUTER; SYSTEM; INTERNAL; COPY; STREAM; CONTAIN; USER; DATA; TRANSACTION; REQUEST; FORWARDING

Derwent Class: T01

International Patent Class (Main): G06F-012/16

File Segment: EPI

2/5/4

DIALOG(R)File 350:Derwent WPIX

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012850616 **Image available**

WPI Acc No: 2000-022448 /200002

XRPX Acc No: N00-016666

Dynamic memory encryption method for secure processing systems such as smart cards, ATM machines, point-of-sales terminals

Patent Assignee: INTEL CORP (ITLC)

Inventor: GORMAN S; WEIDNER A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5987572	A	19991116	US 97937874	A	19970929	200002 B

Priority Applications (No Type Date): US 97937874 A 19970929

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5987572	A		9	H04L-009/00	

Abstract (Basic): US 5987572 A

NOVELTY - If a memory access request is not active, a memory location identified by the pointer is read and decrypted and encrypted using respective keys (n,n+1) and the encrypted data is written on the identified memory location.

DETAILED DESCRIPTION - On determining an active memory access request if address associated with memory access is greater or lesser than a pointer, encrypting or decrypting of the access memory is done using keys (n,n+1), respectively.

USE - For secure computer system used in smart cards with advent of cyber cash, ATM machines, point of sales terminals which are commonly found in grocery stores, credit card processing systems, secured transaction terminals such as those employed in bank and other commercial institutions.

ADVANTAGE - Since continuous decryption of data is performed with randomly changing key, record and playback threat and record and decode threat are both minimized. Since dynamic encryption interface is hidden from processor, memory device and to any software, any standard off-the-shelf memory can be configured with additional hardware and extensive modification.

DESCRIPTION OF DRAWING(S) - The figure illustrates a computer system in which dynamic encryption interface is used.

pp; 9 DwgNo 1/3

Title Terms: DYNAMIC; MEMORY; ENCRYPTION; METHOD; SECURE; PROCESS; SYSTEM;

SMART; CARD; ATM; MACHI POINT; SALE; TERMINAL
Derwent Class: W01
International Patent Class (Main): H04L-009/00
File Segment: EPI

2/5/5

DIALOG(R) File 350:Derwent WPIX
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012841083 **Image available**

WPI Acc No: 2000-012915 /200001

XRPX Acc No: N00-010027

Computer implemented patent files updating method for search, retrieval,
reporting, delivery and update of master patent database information

Patent Assignee: SCHNEIDER E (SCHN-I)

Inventor: SCHNEIDER E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5987464	A	19991116	US 9622714	A	19960726	200001 B
			US 97900437	A	19970725	

Priority Applications (No Type Date): US 9622714 A 19960726; US 97900437 A
19970725

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5987464	A		32	G06F-017/30	Provisional application US 9622714

Abstract (Basic): US 5987464 A

NOVELTY - Data (120) containing a program (34) and a potentially reusable data (30) is stored in a storage medium (70) following which data (122) containing a control data (126) is stored in the storage medium. When program of the data (120) is executed, the control data combines with potentially reusable data for producing data (128) containing newly indexed available information (130) on storage medium.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for patent file updating apparatus.

USE - For search, retrieval, reporting, delivery and update of master patent database information and newly available information for both online and offline systems.

ADVANTAGE - Utilizes renewal information and previous expiration information to increase subscription period. Offers automated clipping service to encourage potential use and easier access of information to the public. Reduces the search and retrieval time for accessing master database information and newly available information.

DESCRIPTION OF DRAWING(S) - The figure shows the relationship of storage of first, second and third data on computer system.

Potentially reusable data (30)

Program (34)

Storage medium (70)

Data (120,122,128)

Control data (126)

Newly indexed available information (130)

pp; 32 DwgNo 3/16

Title Terms: COMPUTER; IMPLEMENT; PATENT; FILE; UPDATE; METHOD; SEARCH;
RETRIEVAL; REPORT; DELIVER; UPDATE; MASTER; PATENT; DATABASE; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

2/5/6

DIALOG(R) File 350:Derwent WPIX
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012654265 **Image available**

WPI Acc No: 1999-460370/199939

Related WPI Acc No: 1999-666

XRPX Acc No: N99-344531

Processor sharing method for proportional sharing in single and multiple processor systems - in which system determines which threads to execute based upon priority of thread determined in accordance with current number of 'tickets' held by process to which thread belongs

Patent Assignee: SUN MICROSYSTEMS INC (SUNM)

Inventor: YUE K K

Number of Countries: 025 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 915418	A2	19990512	EP 98120193	A	19981030	199939 B

Priority Applications (No Type Date): US 97962140 A 19971031

Cited Patents: -SR.Pub

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 915418	A2	E 26	G06F-009/46	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): EP 915418 A

NOVELTY - Proportional processor sharing in single and multi-processor involves initially assigning 'tickets' to each of the processes in the system, such that each of the tickets entitles the process to use a processor for a period of time.

DETAILED DESCRIPTION - Processor sharing involves initially assigning 'tickets' to each of the processes (106) in the system, such that each of the tickets entitles the process (106) to use a processor (102) for a period of time. The operating system (108) allocates the processors (102) first to the process (106) with the highest number of tickets. As each process (106) or thread (107) finishes being executed for a predetermined amount of time, the tickets of that process/thread are adjusted accordingly and a new ticket process or thread is chosen for execution. Tickets can be allocated to each process in the system.

INDEPENDENT CLAIMS are included for; a method for sharing a processor between a number of threads of multi-threaded applications; a data structure stored in memory; a method of sharing a processor between a number of users and between a number of threads in a data processing system; a computer program product storing code; a computer data signal embodied in a carrier wave e and representing sequences of instructions; an apparatus that proportionally shares a processor between processes and between threads.

USE - Implementing proportional sharing amongst single-threaded and multi-threaded applications in a single or multiple processor system, and implements hierarchical sharing among jobs or users in single or multiple processor systems.

ADVANTAGE - Tickets can be assigned at user level and shared by all jobs of a particular user. DESCRIPTION OF DRAWING(S) - The drawing shows a number of single-threaded applications executing on a processing system. (100) Processing system; (102) Processor; (104) Memory; (106) Single-threaded applications; (108) Operating system; (109) Process scheduler.

Dwg.1/10

Title Terms: PROCESSOR; SHARE; METHOD; PROPORTION; SHARE; SINGLE; MULTIPLE; PROCESSOR; SYSTEM; SYSTEM; DETERMINE; THREAD; EXECUTE; BASED; PRIORITY; THREAD; DETERMINE; ACCORD; CURRENT; NUMBER; TICKET; HELD; PROCESS; THREAD ; BELONG

Derwent Class: T01

International Patent Class (Main): G06F-009/46

File Segment: EPI

2/5/7

DIALOG(R)File 350:Derwent WPIX

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012471025 **Image available**

WPI Acc No: 1999-277133 /199923

XPX Acc No: N99-207762

NTFS file system real-time secure data deletion

Patent Assignee: STRATFOR SYSTEMS INC (STRA-N); INFRAWORKS CORP (INFR-N)

Inventor: CHAMBERS J L; FRIEDMAN G; MARSHALL D E; STAREK R P; MOORMAN M J;
NEWGARD T S

Number of Countries: 083 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9917233	A1	19990408	WO 98US20334	A	19980929	199923 B
AU 9895884	A	19990423	AU 9895884	A	19980929	199935
US 5991778	A	19991123	US 97940746	A	19970930	200002
US 6070174	A	20000530	US 97940746	A	19970930	200033
			US 98114756	A	19980713	

Priority Applications (No Type Date): US 98114756 A 19980713; US 97940746 A 19970930

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9917233	A1	E	52	G06F-017/30	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9895884	A			G06F-017/30	Based on patent WO 9917233
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US 5991778	A			G06F-017/30	
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US 6070174	A			G06F-017/30	CIP of application US 97940746 CIP of patent US 5991778
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Abstract (Basic): WO 9917233 A1

NOVELTY - The method involves monitoring write calls using a write filter and performing real-time secure data deletion of buffers. File creation operations are monitored and real-time secure data deletion of user files is performed when the file is to be overwritten. Set information operations are monitored and real-time secure data deletion is performed for truncated, shrunk or deleted user files.

DETAILED DESCRIPTION - During operation it is determined whether the type of call intercepted is one that should be processed. If not, then in step (14), the original call is passed on through the file system. If the call should be processed, then in step (16), supplemental processing is performed to enhance the original call. In particular, in step (16), the original call can be enhanced to ensure real-time secure file deletion on the storage device.

INDEPENDENT CLAIMS are included for:

(a) a system for real-time secure data deletion in a system having NTFS file system

(b) an apparatus for enhancing file system calls to file system structure of operating system

USE - The present invention relates in general to the field of electronic systems, and more specifically to a method and apparatus for real-time secure file deletion.

ADVANTAGE - The invention allows supplemental file management processes to be performed in a manner transparent not only to the user but also to the operating system. The operation is performed on ongoing basis transparently to the user of the system. Thus, secure deletion of files on storage devices is accomplished without relying upon periodic actions by the user. A further technical advantage of the present invention is that, for write calls, overhang of data in the existing file on the storage device is identified and overwritten as part of the real-time secure deletion process. The secure deletion of buffers, user files and other data in a WINDOWS NT (RTM) file system are automatically handled

DESCRIPTION OF DRAWING(S) - The drawing illustrates a method for enhancing file system calls to file system structure.

pp; 52 DwgNo 1/14

Title Terms: FILE; SYSTEM; DEAL; TIME; SECURE; DATA; DELETE
Derwent Class: T01
International Patent Class (Main): G06F-017/30
File Segment: EPI

2/5/8

DIALOG(R) File 350:Derwent WPIX
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012459558 **Image available**
WPI Acc No: 1999-265666 /199923
Related WPI Acc No: 1999-460370
XRPX Acc No: N99-198072

**Sharing time quantum between threads for computer system executing
different threads program simultaneously**

Patent Assignee: SUN MICROSYSTEMS INC (SUNM)
Inventor: YUE K K; SEBREE M A; STEIN D A
Number of Countries: 028 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 913770	A2	19990506	EP 98120192	A	19981030	199923 B
CA 2252106	A1	19990430	CA 2252106	A	19981028	199941
CA 2252238	A1	19990430	CA 2252238	A	19981028	199941
JP 11212809	A	19990806	JP 98311865	A	19981102	199942
JP 11212810	A	19990806	JP 98311875	A	19981102	199942
US 5987492	A	19991116	US 97962140	A	19971031	200001

Priority Applications (No Type Date): US 98107690 A 19980630; US 97962140 A 19971031

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 913770	A2	E 20	G06F-009/46	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

CA 2252106	A1	E	G06F-009/46
CA 2252238	A1	E	G06F-009/46
JP 11212809	A	76	G06F-009/46
JP 11212810	A	63	G06F-009/46
US 5987492	A		G06F-009/00

Abstract (Basic): EP 913770 A2

NOVELTY - A memory (104) includes one or more multi-threaded applications (110) at least one of which contains threads (112). If a thread is blocked and the owner thread is also blocked, the blocked consumer thread transfers its right to execute for its remaining time quantum to another thread that is not the owner thread but that is in the same process (110) with no requirement for a process context switch.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for apparatus allowing sharing of time quantum and for a computer program product and data signal.

USE - For computer system where a processor executes different parts (threads) of a program simultaneously.

ADVANTAGE - Allows thread of process to share remaining quantum of process time allotted to it with other threads. Eliminates of requirement for process context switch and shortens time to transfer executing right.

DESCRIPTION OF DRAWING(S) - The drawing is an example of multi-threaded applications executing in data processing system with single processor.

Memory (104)

Multi-threaded applications (110)

Threads (112)

pp; 20 DwgNo 1/6

Title Terms: SHARE; TIME; QUANTUM; THREAD; COMPUTER; SYSTEM; EXECUTE;
THREAD; PROGRAM; SIMULTANEOUS
Derwent Class: T01

2/5/9

DIALOG(R)File 350:Derwent WPIX
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011823552 **Image available**

WPI Acc No: 1998-240462 /199821

XRPX Acc No: N98-190207

**Bootling system for personal computers - establishes secure path between
secure boot device and host processor based on electronic keying
mechanism**

Patent Assignee: INTEL CORP (ITLC)

Inventor: DAVIS D L

Number of Countries: 079 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9815086	A1	19980409	WO 97US13518	A	19970730	199821 B
AU 9739683	A	19980424	AU 9739683	A	19970730	199835
TW 339433	A	19980901	TW 97111913	A	19970820	199901
GB 2332606	A	19990623	WO 97US13518	A	19970730	199927
			GB 996810	A	19990324	
DE 19782038	T	19990805	DE 1082038	A	19970730	199937
			WO 97US13518	A	19970730	
US 5937063	A	19990810	US 96722298	A	19960930	199938
CN 1238087	A	19991208	CN 97199904	A	19970730	200016
BR 9714348	A	20000411	BR 9714348	A	19970730	200031
			WO 97US13518	A	19970730	

Priority Applications (No Type Date): US 96722298 A 19960930

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9815086 A1 E 14 H04L-009/32

Designated States (National): AL AM AT AZ BA BB BG BR BY CA CH CN CU CZ
DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG
UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT
KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9739683	A	H04L-009/32	Based on patent WO 9815086
TW 339433	A	G06F-009/40	
GB 2332606	A	H04L-009/32	Based on patent WO 9815086
DE 19782038	T	H04L-009/32	Based on patent WO 9815086
US 5937063	A	H04L-009/00	
CN 1238087	A	H04L-009/32	
BR 9714348	A	H04L-009/32	Based on patent WO 9815086

Abstract (Basic): WO 9815086 A

The bootling system includes a sub-system which prevents unauthorised replacement of boot-up firmware (e.g. BIOS (63)) embedded in modifiable non-volatile memory devices e.g. flash memory. The firmware device is contained in a secure boot device (54) which is responsive to a host processor (50).

The security protection is established by the encryption and decryption of a boot-up instruction using a secret key (64) shared by both the secure boot device (54) and the host processor (50).

USE - Preventing unauthorised replacement of storage element containing executable code in boot-up firmware including operating systems and Basic Input and Output System (BIOS) in computing systems, e.g. PCs.

Dwg.1/2

Title Terms: SYSTEM; PERSON; COMPUTER; ESTABLISH; SECURE; PATH; SECURE;
BOOT; DEVICE; HOST; PROCESSOR; BASED; ELECTRONIC; KEY; MECHANISM

Derwent Class: T01; W01

International Patent Class (Main): G06F-009/40; H04L-009/00; H04L-009/32

International Patent Class (Additional): G06F-012/14

2/5/10

DIALOG(R)File 350:Derwent WPIX

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011621669 **Image available**

WPI Acc No: 1998-038797 /199804

XRPX Acc No: N98-031269

File protection method e.g. hard disc in computer - involves performing non-encipherment of selected file when original encrypted key word is recovered correctly

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: HARRISON C G

Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9293021	A	19971111	JP 9740871	A	19970225	199804 B
KR 97066880	A	19971013	KR 9666062	A	19961214	199842
US 5870468	A	19990209	US 96609402	A	19960301	199913

Priority Applications (No Type Date): US 96609402 A 19960301

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9293021	A		11	G06F-012/14	
KR 97066880	A			G06F-011/30	
US 5870468	A			H04L-009/00	

Abstract (Basic): JP 9293021 A

The method involves performing encipherment of a selected file among a set of files stored in a hard disc, using an encryption key word. The encryption key word is scrambled and a pair of scrambled versions are obtained using a secrete keyword input by the user and performing algorithm deformation of the secret keyword. The obtained two scramble versions of the encrypted keyword are stored in a memory.

The stored two scramble version are converted into the two non-scramble versions. The obtained non-scramble versions are compared. The original encrypted keyword is able to be recovered correctly when the two non-scramble versions are in accordance. The selected file is non-enciphered when original encrypted keyword is recovered correctly.

ADVANTAGE - Enables to protect file of hard disc reliably.

Dwg.4/6

Title Terms: FILE; PROTECT; METHOD; HARD; DISC; COMPUTER; PERFORMANCE; NON; SELECT; FILE; ORIGINAL; ENCRYPTION; KEY; WORD; RECOVER; CORRECT

Derwent Class: P85; T01; W01

International Patent Class (Main): G06F-011/30; G06F-012/14; H04L-009/00

International Patent Class (Additional): G06F-003/06; G06F-012/00;

G09C-001/00; H04K-001/00; H04L-009/14

File Segment: EPI; EngPI

2/5/11

DIALOG(R)File 350:Derwent WPIX

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011467561 **Image available**

WPI Acc No: 1997-445468 /199741

XRPX Acc No: N97-371089

Information encoding method for notebook type personal computer, pen input PC - involves storing user password when user accesses information files in encoding data area

Patent Assignee: HITACHI LTD (HITA)

Inventor: FURUKAWA H; IWABUCHI K; KOBAYASHI Y; OTE I; SUMITOMO M; WASHIMI H

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9204330	A	19970805	JP 96283854	A	19961025	199741 B

Priority Applications (No Type Date): JP 95279325 A 19951026

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9204330	A		20	G06F-012/00	
US 6023506	A			H04L-009/00	

Abstract (Basic): JP 9204330 A

The method involves storing a user password (1070) in an encoding data area (1050). An information file specified by the user is encoded with an authentication key generated by authentication key generated based on the user password.

The encoded file is decoded by a decoder (1000) with the authentication key when an user accesses the file and the altered encoded file is stored.

ADVANTAGE - Improves data security.

Dwg.1/20

Title Terms: INFORMATION; ENCODE; METHOD; TYPE; PERSON; COMPUTER; PEN; INPUT; STORAGE; USER; PASSWORD; USER; ACCESS; INFORMATION; FILE; ENCODE; DATA; AREA

Derwent Class: P85; T01; W01

International Patent Class (Main): G06F-012/00; H04L-009/00

International Patent Class (Additional): G06F-003/14; G06F-012/14;

G09C-001/00; G11B-023/28; H04L-009/08; H04L-009/32

File Segment: EPI; EngPI

2/5/12

DIALOG(R)File 350:Derwent WPIX

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011407712 **Image available**

WPI Acc No: 1997-385619 /199735

XRPX Acc No: N97-320997

Automatic encrypting and decrypting system for secure file system - has files automatically decrypted upon opening and encrypted on closing with possible use of exception lists and delayed encryption

Patent Assignee: SYMANTEC CORP (SYMA-N)

Inventor: GRAWROCK D; LOHSTROH S; MCDONNALL W D

Number of Countries: 021 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9726736	A1	19970724	WO 97US723	A	19970115	199735 B
US 5699428	A	19971216	US 96586511	A	19960116	199805
US 5796825	A	19980818	US 96586511	A	19960116	199840
			US 97944397	A	19971006	
EP 1008249	A1	20000614	EP 97905587	A	19970115	200033
			WO 97US723	A	19970115	

Priority Applications (No Type Date): US 96586511 A 19960116; US 97944397 A 19971006

Cited Patents: US 5394469; US 5481701; US 5584022; US 5606610

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9726736	A1	E	96	H04L-009/00	

Designated States (National): CA JP

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

US 5699428	A	35	H04L-009/00
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US 5796825	A		H04L-009/00
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Div ex application US 96586511

Div ex patent US 5699428

EP 1008249	A1	E	H04L-009/00	Based on patent WO 9726736
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Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Abstract (Basic): WO 9726736 A

The system for maintaining confidential information, generally in

an encrypted format with a mechanism allowing for decryption into temporary plaintext form has a memory for storing digital data files. The memory holds encrypted confidential files and plaintext nonconfidential files. A decrypting mechanism is used for decrypting the confidential files.

A decryption controller selects one of the files for decryption and then automatically eliminates the decrypted data at a later stage. The decryption controller responds to a supplied exclusion list which identifies one or more files that are not to be selected for decryption.

USE/ADVANTAGE - Provides automatic file security control that avoids depending on human actions. Uses only limited computer power. Automatically eliminates plaintext versions of data immediately after use.

Dwg.1/17

Title Terms: AUTOMATIC; SYSTEM; SECURE; FILE; SYSTEM; FILE; AUTOMATIC; OPEN
; ENCRYPTION; CLOSE; POSSIBILITY; LIST; DELAY; ENCRYPTION

Derwent Class: T01; W01

International Patent Class (Main): H04L-009/00

File Segment: EPI

File 348:European Patent 978-2000/Dec W02

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File 349:PCT Fulltext 1983-2000/UB=20001207, UT=20001123

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Set	Items	Description
S1	5844	(OPEN? OR CHANG? OR EDIT? OR MODIF? OR ACCESS?) (10N) (DOCUMENT? OR FILE OR FILES) (10N) (COMMAND? OR INSTRUCTION? OR STATEMENT? OR STEP? ?)
S2	214740	AUTOMATIC? OR AUTO OR (WITHOUT OR NO OR "NOT" OR NON) (3N) (- HUMAN OR USER? ? OR OPERATOR?) (3N) (INTERVEN? OR INPUT? OR ACTION? OR ACTIVIT? OR INITIAT? OR REQUEST? OR COMMAND? OR INSTRUCTION?) OR SUBROUTINE? OR SUB()ROUTINE?
S3	18256	ENCRYPT? OR DECRYPT? OR ENCIPHER? OR DECIPHER? OR ENCYPER? OR DECYPHER? OR CYPHER? OR CIPHER? OR CRYPT? OR SECRET()KEY?? OR KEY()VALUE? ? OR RECRYPT? OR RECIPHER? OR RECYPER?
S4	0	S1(S)SS2(5N)S3
S5	8	S1(S)S2(10N)S3 (Reviewed Titles)
S6	27049	(OPEN? OR CHANG? OR EDIT? OR MODIF? OR ACCESS?) (10N) (DOCUMENT? OR FILE OR FILES)
S7	18	S6(S)S2(5N)S3
S8	11	S7 NOT S5 (Reviewed Titles)
S9	1	AU=(MAHNE C? AND ZIZZI S? AND VON BURNS S? AND TOWNSLEY K?)
S10	1	AU=(MAHNE C? OR ZIZZI S? OR VON BURNS S? OR TOWNSLEY K?)
S11	0	S9 NOT (S10 OR S5 OR S8)

5/5,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:European Patents
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01018153

Disk drive with embedded data encryption

Plattenlaufwerk mit eingebauter Datenverschlüsselung

Lecteur de disques avec chiffrement de données incorpore

PATENT ASSIGNEE:

CALLUNA TECHNOLOGY LIMITED, (1805641), Level 2, Saltire Court, 20 Castle
Terrace, Edinburgh EH1 2ET, (GB), (applicant designated states:
AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE)

INVENTOR:

Jackson, Trevor David, 33 Gilberstoun Brig, Edinburgh, EH15 2RP, (GB)

LEGAL REPRESENTATIVE:

Kerr, Sheila Agnes Fife et al (84442), Cruikshank & Fairweather, 19 Royal
Exchange Square, Glasgow G1 3AE, (GB)

PATENT (CC, No, Kind, Date): EP 911738 A2 990428 (Basic)

APPLICATION (CC, No, Date): EP 98308620 981021;

PRIORITY (CC, No, Date): GB 9722201 971022

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-012/14;

ABSTRACT EP 911738 A2

An improved disk drive (DD1) is described in which an encryption/decryption circuit (4) is provided, connected to read/write means (9,13) of the drive, for encrypting data to be written onto, and decrypting data to be read from, the disk(s) (11). The drive control includes permanent security control features for restricting read/write access to the disk(s) (11) via the encryption/decryption circuit, for at least the data content of data files to be written thereto or read therefrom. Password-dependent security control is also provided which activates the encryption/decryption circuit only in response to receipt of a valid password input by a user, so that read/write access to the disk(s), in relation to at least the data content of data files, is restricted to holders of a valid password.

ABSTRACT WORD COUNT: 127

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 990428 A2 Published application (Alwith Search Report
;A2without Search Report)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9917	981
SPEC A	(English)	9917	5882
Total word count - document A			6863
Total word count - document B			0
Total word count - documents A + B			6863

...SPECIFICATION that encrypted data may be accessible to anyone is of little concern so long as no one can decrypt it and read it.

Typically, software **encryption** methods do not operate **automatically** in real time. They rely on the user making a conscious decision to encrypt certain chosen files and are thus dependent on procedures and on ...

...software application, such as word processing, may, on its own, create a backup copy of a file or a temporary file that the user may **access** if required. Unfortunately, these extra **file** copies pose a risk from a security point of view since backup **files** and temporary **files** can be overlooked when an **instruction** is given to encrypt the primary **file**. Operating systems can also make copies of data as a safeguard against system failure. **Files** (called core dumps) consisting of the contents of the computer memory at the time of the system failure are written to the system disk drive...

5/5,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:European Patents
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00166374

IC Card and an identification system thereof.

Chipkarte und dazugehöriges Identifikationssystem.

Carte a circuit integre et systeme d'identification pour une telle carte.

PATENT ASSIGNEE:

CASIO COMPUTER COMPANY LIMITED, (249360), 6-1, 2-chome, Nishi-Shinjuku,
Shinjuku-ku Tokyo 160, (JP), (applicant designated states:
BE;CH;DE;IT;LI;NL;SE)

INVENTOR:

Kitchener, Robert Andrew, 5 Rock Hill Road, Armonk, N.Y. 10504, (US)

LEGAL REPRESENTATIVE:

Strasse, Joachim, Dipl.-Ing. et al (11612), Strasse, Vonnemann & Partner
Balanstrasse 55, D-81541 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 173103 A2 860305 (Basic)
EP 173103 A3 880824
EP 173103 B1 911030

APPLICATION (CC, No, Date): EP 85109652 850801;

PRIORITY (CC, No, Date): US 645925 840830

DESIGNATED STATES: BE; CH; DE; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G07F-007/10

CITED PATENTS (EP A): US 4105156 A; US 4105156 A; US 4357529 A; US 4357529
A; EP 30381 A; US 4453074 A; US 3890599 A

ABSTRACT EP 173103 A2

IC Card and an identification system thereof.

A plurality of secret data for identifying IC cards is stored in a memory which is provided in an IC circuit incorporated in the IC card (11). When an IC card (11) is supplied to an issuer from a manufacturer, a sealed sheet (17) on which a production master key (PMK) data is printed is separately sent to the issuer from the manufacturer. The PMK data printed on the sealed sheet (17) is supplied to the IC card (11) to be compared with a PMK data stored therein. The entrance of a primary account number (PAN) data to the IC card is allowed only when a coincidence signal is obtained. An initialization personal identification number (IPIN) data is printed on a sealed sheet (27) which is separately sent to a card holder from the issuer. At the card holders stage, the IPIN data and an IPIN data stored in the IC card (11) are compared with each other. The registration of the personal identification number to the IC card (11) may be performed only when a coincidence signal is obtained.

ABSTRACT WORD COUNT: 189

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 860305 A2 Published application (Alwith Search Report
;A2without Search Report)
Search Report: 880824 A3 Separate publication of the European or
International search report
Examination: 890419 A2 Date of filing of request for examination:
890221
Examination: 890816 A2 Date of despatch of first examination report:
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Automation und Organisation mbH; Euckenstrasse
12; W-8000 Munchen 70; (DE)
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*Oppn: 940824 B1 Opposition (change) 01/920729 GAO Gesellschaft
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LANGUAGE (Publication,Procedural,Application): English; English; English
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Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB95	362
CLAIMS B	(German)	EPAB95	308
CLAIMS B	(French)	EPAB95	441
SPEC B	(English)	EPAB95	9308
Total word count - document A			0
Total word count - document B			10419
Total word count - documents A + B			10419

...SPECIFICATION to the issuer and card holder, respectively. Preferably, these codes are printed in sealed mailers of the type in which the contents are not known **until** the sealed mailers are **opened**. Such mailers are well **known** in the art. This prevents **access** to the "PMK" and "IPIN" codes by intermediaries in **the** issuance procedures, and increase security.

At issuance of the IC card by the issuer, in addition to the "PAN" code, the issuer preferably enters other...

...operation. Alternatively, this information can be input automatically by a data processing system. The code "CA" can be randomly generated by a random data generator **and automatically** input into the IC card 11. At the issuer station 2, the code "PAN" can be pre-set in the issuer's data bank, and can be read out from the issuer's data bank, and **automatically** stored in the IC card 11. This would eliminate the necessity of the operator keying in the "PAN" at the keyboard 24 of the issuing...

5/5,K/3 (Item 1 from file: 349)
DIALOG(R)File 349:PCT Fulltext
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00750707 **Image available**

MEDIA FILE DISTRIBUTION WITH ADAPTIVE TRANSMISSION PROTOCOLS
DISTRIBUTION DE FICHIERS MULTIMEDIA AU MOYEN DE PROTOCOLES DE TRANSMISSION
ADAPTATIFS

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200064111 A1 20001026 (WO 0064111)

Application: WO 2000US10126 20000414 (PCT/WO US0010126)

Priority Application: US 99295000 19990416

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Main International Patent Class: H04L-012/64

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description -

Claims

Fulltext Word Count: 8069

English Abstract

A server/client media file distribution system is provided in which the server system (12) is adapted to receive transmission requests from

clients (14), status information from a network (16), and protocol information from each client (14). The server (12), based upon this information, adaptively transmits a given media file stored therein to one or more clients (14) using the optimal transmission speed and/or network protocol based on the network status information and protocol information. Additionally, the present invention provides a looping file arrangement in which a plurality of clients can receive the same media file on multiple network channels, without the need to provide multiple copies of the same media file for each request of that file.

French Abstract

L'invention concerne un systeme serveur/client de distribution de fichiers multimedia, dans lequel le systeme serveur (12) est concu pour recevoir des demandes de transmission provenant de clients (14), des informations d'etat provenant d'un reseau (16), et des informations de protocole emanant de chaque client (14). Le serveur (12), en fonction de ces informations, transmet de facon adaptative un fichier multimedia donnee heberge par ledit serveur a un ou plusieurs clients (14); il utilise a cet effet la vitesse de transmission optimale et/ou le protocole reseau optimal en fonction des informations d'etat et des informations de protocole. En outre, la presente invention concerne un agencement de fichiers en boucle dans lequel une pluralite de clients peuvent recevoir le meme fichier multimedia sur plusieurs canaux de reseau, sans avoir a fournir plusieurs copies du fichier multimedia pour chaque demande de fichier.

Legal Status (Type, Date, Text)

Publication 20001026 A1 With international search report.

Fulltext Availability:

Detailed Description

Detailed Description

... etc.) to 8 purchase the media file. Server 12 begins transmission of the media file, in 9 accordance with the above-described embodiments. The media file is temporarily stored in temporary storage 72. 11 Upon the appropriate command from user, the media file temporarily residing 12 in temporary storage 72 is accessed to be played. Upon such commands, the media 13 file is sent to decompression and de-encryption 74 to decompress and/or de-encrypt 14 the media file. Decompression and de-encryption includes appropriate hardware/software to achieve the stated functionality. Of course, decompression 16 hardware and software are adapted to decompress a...means to generate a unique passwordable encryption information. This 24 information can include a user-supplied password, or, alternatively, may include a I serial number automatically generated by system 24'. The encryption information is 2 forwarded to the server along with the media file request commands, and the server 3 encrypts the file accordingly, using, for example...

5/5,K/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00631473 **Image available**

ENCRYPTING FILE SYSTEM AND METHOD

PROCEDE ET SYSTEME DE CRYPTAGE DE FICHIERS

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9914652 A1 19990325
Application: WO 98US19049 19980911 (PCT/WO US9819049)
Priority Application: US 97931774 19970916

Designated States: DE GB JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL
PT SE

Main International Patent Class: G06F-001/00;

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13294

English Abstract

A system and method for encryption and decryption of files. The system and method operate in conjunction with the file system to transparently encrypt and decrypt files in using a public key-private key pair encryption scheme. When a user puts a file in an encrypted directory or encrypts a file, all data writes to the disk for that file are encrypted with a random file encryption key generated from a random number and encrypted with the public key of a user and the public key of at least one recovery agent. The encrypted key information is stored with the file, whereby the user or a recovery agent can decrypt the file data using the private key thereof. When a proper private key is used, encrypted reads from the disk are decrypted transparently by the file system and returned to the user.

French Abstract

L'invention a trait a un systeme et a un procede permettant de crypter et decrypter des fichiers. Ce systeme et ce procede fonctionnent en association avec le systeme de fichiers dans le but de crypter et decrypter des fichiers de maniere transparente grace a un systeme de cryptage a deux cles: cle publique-cle privatee. Lorsqu'un utilisateur introduit un fichier dans un repertoire crypte, ou lorsqu'il crypte un fichier, toutes les ecritures de donnees sur le disque qui sont relatives a ce fichier sont cryptees avec une cle de cryptage de fichiers aleatoire generee a partir d'un nombre aleatoire et cryptee avec la cle publique d'un utilisateur et la cle publique d'au moins un agent de recuperation. Les informations relatives a la cle cryptee sont stockees avec le fichier. L'utilisateur ou un agent de recuperation peut ainsi decrypter les donnees du fichier grace a sa cle privatee. Lorsqu'une cle privatee appropriee est utilisee, les lectures cryptees sont decryptees a partir du disque de maniere transparente par le systeme de fichiers et renvoyees a l'utilisateur.

Fulltext Availability:

Detailed Description

Detailed Description

... of the file to encrypt at step 2200, and this call translates into a call to the EFS service 50 to do the operation. At **step** 2202, the EFS service 50 **opens** the **file** on the user's behalf, makes a backup copy for crash recovery purposes and at **step** 2204 marks it for encryption by issuing the SET-ENCRYPT **file** control (FSCTL). At **step** 2206, the EFS service 50 then reads data from each stream in the copy and writes the data back to the original file at step 2208. Note that during the write

operation, because the encryption bit is set, the data is automatically encrypted before being written to the disk. The process is repeated via step 2210 until all data streams are written. If this call completes successfully (step...

5/5,K/5 (Item 3 from file: 349)
DIALOG(R)File 349:PCT Fulltext
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00623744

COMPUTERIZED SYSTEM AND ASSOCIATED METHOD FOR OPTIMALLY CONTROLLING STORAGE AND TRANSFER OF COMPUTER PROGRAMS ON A COMPUTER NETWORK
SYSTEME INFORMATISE ET PROCEDE ASSOCIE POUR LE CONTROLE OPTIMAL DE LA MISE EN MEMOIRE ET DU TRANSFERT DE PROGRAMMES INFORMATIQUES SUR RESEAU INFORMATIQUE

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Patent and Priority Information (Country, Number, Date):

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Application: WO 98US15627 19980728 (PCT/WO US9815627)

Priority Application: US 97902591 19970729

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FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ
VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW
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Main International Patent Class: H01J-013/00;

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Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 85556

English Abstract

A computerized system and an associated method for optimally controlling storage and transfer of computer programs between computers on a network to facilitate interactive program usage. In accordance with the method, an applications program is stored in a nonvolatile memory of a first computer as a plurality of individual and independent machine-executable code modules. In response to a request from a second computer transmitted over a network link, the first computer retrieves a selected one of the machine-executable code modules and only that selected code module from the memory and transmits the selected code module over the network link to the second computer.

French Abstract

L'invention concerne un systeme informatise et un procede associe pour le controle optimal de la mise en memoire et du transfert de programmes informatiques entre ordinateurs, sur reseau informatique, en vue de faciliter l'utilisation interactive des programmes. Le procede consiste a enregistrer un programme d'applications dans une memoire non volatile d'un premier ordinateur, sous la forme de plusieurs modules de code individuels et executables par machine de maniere independante. En reponse a une demande d'un second ordinateur, transmise sur une liaison du reseau, le premier ordinateur recupere dans la memoire un module determine, parmi les modules de code susmentionnes, et exclusivement ce module, pour le transmettre au second ordinateur via la liaison de reseau.

Detailed Description

... request matches a user authentication code in the stored list.

Where an incoming request for a machine-executable code module is contained in an **encryption** packet, the server **decrypts** the **encryption** packet prior to the comparing of the user authentication code in the request with the list of user authentication codes in the memory.

Encrypting and decrypting of **encryption** packets, as well as the checking of user authentication codes, may be performed by the secondary server(s). Whatever programming or data required for carrying ... encryption keys are selected from a plurality of keys stored in an area 62 of a nonvolatile memory 64 of user computer 12. Again, the **encryption / decryption** process at user computer 12 can be handled by a plug-in code module performing the functions of encryption/decryption unit 60 and memory area 62. The header...CRS extension) group A group file (TenCORE nameset with GRP extension) nameset A general purpose nameset file (TenCORE nameset with NAM extension) roster A roster file (TenCORE nameset with RTR extension) source A source file (TenCORE nameset with SRC extension) studata A student data file (TenCORE nameset with SDF extension) tpr A Producer file (TenCORE nameset with TPR extension) binary A binary file (TenCORE nameset with BIN extension) file An operating system file dir An operating system folder or directory dataset A TenCORE dataset tree Catharon tree-file default The default type for the container block A data block (in a nameset or tree-file) folder A folder (in a time-file) DESTROY RESOURCE (CkfXP-DestroyRsrc)-. This packet destroys the specified resource. The same rules regarding user authentication apply to this packet as apply to the CNIXP...to the 2 byte value in X1.

if X0 > xi
exchang global,varloc (X0) ;global,varloc (X1);2 endif exec Executes a DOS program or **command** .

exec keyword
command executes a program or **command** through the DOS **command** processor, or provides **access** to the DOS prompt **file** executes a program directly Descriptions exec **command** [, all I memorySize Provides **access** to the DOS **command** line prompt. To return to TenCORE, type exit at the DOS prompt.

DOS memory not currently used by TenCORE is available for use by programs ...by temporarily removing most of TenCORE. If a memory size is specified, the system attempts to free the specified number of kilobytes of memory.

The **file** form of exec is more efficient than the **command** form as the DOS **command** processor is not loaded. This form also allows **access** to error reports for the executed program (the command form provides error reports for the DOS command processor).

Examples

The following defines are used for...

5/5,K/6 (Item 4 from file: 349)
DIALOG(R)File 349:PCT Fulltext
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00542190 **Image available**

CRYPTOGRAPHIC FILE LABELING SYSTEM FOR SUPPORTING SECURED ACCESS BY
MULTIPLE USERS
SYSTEME POUR L'ECRIURE DE LABELS CRYPTOGRAPHIQUES DE FICHIERS GARANTISSANT
UN ACCES PROTEGE A DES UTILISATEURS MULTIPLES

Patent Applicant/Assignee

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Patent and Priority Information (Country, Number, Date):

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Application: WO 97US6335 19970414 (PCT/WO US9706335)

Priority Application: US 96642217 19960506

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Main International Patent Class: H04K-001/00;

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 19628

English Abstract

A system is disclosed for automatically distributing secured versions (*Sys D key*) of a file decryption key (Sys D key) to a plurality of file users by way of the file's security label. The label is defined to contain a plurality of Access­Control­Entries Records (ACER's) where each ACER includes a respective secured version (*Sys D key*) of the file decryption key. Each such secured version (*Sys D key*) is decipherable by a respective ACER private key. Each ACER may include respective other data such as: (a) ACER­unique identifying data for uniquely identifying the ACER or an associated user; (b) decryption algorithm identifying data for identifying the decryption process to be used to decrypt the encrypted *DATA* portion of the file; and (c) special handling code for specifying special handling for the code­containing ACER. The label is preferably covered by a digital signature but includes an extension buffer that is not covered by the digital signature. Users who wish to have an ACER of their own added to the label may submit add­on requests by writing to the extension buffer.

French Abstract

Systeme assurant une distribution automatique des versions protegees (*Sys D key*) du code de dechiffrage (Sys D key) pour un fichier a une pluralite d'utilisateurs de ce fichier, par l'intermediaire des labels de securite du fichier. Le label est defini de maniere a contenir une pluralite d'enregistrements entrees de gestion d'accès (Access­Control­Entries­Records: ACER) dans laquelle chaque ACER contient une version protegee respective (*Sys D key*) du code de dechiffrement du fichier. Chacune de ces versions protegees (*Sys D key*) est dechiffirable par un code prive ACER respectif. Chaque ACER peut contenir d'autres information respectives telles que: (a) donnees d'identification propres a l'ACER, pour identifier exclusivement l'ACER ou un utilisateur associe; (b) donnees pour identifier l'algorithme de dechiffrage afin d'identifier la procedure de dechiffrage qui doit etre appliquee pour dechiffrer la portion *DATA* chiffree du fichier; (c) un code de traitement specifique pour specifier un traitement particulier de l'ACER contenant le code. Le label est de preference couvert par une signature numerique mais comprend egalement une zone tampon d'extension qui n'est pas couverte par la signature numerique. Les utilisateurs qui desirent que leur propre ACER soit ajoute au label peuvent formuler des demandes d'adjonction en écrivant au tampon d'extension.

Fulltext Availability:

Detailed Description

Detailed Description

... if path 642 had been taken, the key-containing code 565a is
symmetrically uncovered with the user's password key in step 654.

At subsequent step 660, the uncovered Sys-D-key** is applied to input 325 of D - unit 320 for decrypting the *FILE DATA* portion 502a of the requested file .

Following successful decryption, step 670 returns control to the operating system for normal handling of the remainder of the OPEN FILE request. In one embodiment, the label-using program 600 forms a complementary part of the SYSTEM FOR AUTOMATIC DECRYPTION OF FILE DATA ON A PER-USE BASIS as disclosed -50 in the above-referenced U.S. Application Serial No. 08/586,511.

The above...

5/5,K/7 (Item 5 from file: 349)
DIALOG(R)File 349:PCT Fulltext
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00243650

SIGNAL PROCESSING APPARATUS AND METHODS
DISPOSITIF ET PROCEDES DE TRAITEMENT DE SIGNAUX

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 8902682 A1 19890323

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Priority Application: US 8796096 19870911

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KP LK LU MC MG MW NL NO RO SE SN SU TD TG

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International Patent Class: H04N-007/16;

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 168452

English Abstract

A unified system of programming communication. The system encompasses prior art communications (such as, for example, television, radio, electronically transmitted print, and computer communications) and new user specific mass media. Within the unified system, computer system means (205) and methods provide capacity for generating relevant user specific information simultaneously at each station (26) of a plurality of subscriber stations (26).

French Abstract

Système unifié de communication à programmation regroupant les communications de l'art antérieur (telles que par exemple la télévision, la radio, l'impression transmise électroniquement, et les communications par ordinateur) ainsi que les nouveaux mass médias spécifiques aux utilisateurs. Dans le système unifié, des moyens (205) et procédés mettant en oeuvre des systèmes d'ordinateurs ont la capacité de produire des informations spécifiques à un utilisateur particulier, simultanément à chaque poste (26) d'une pluralité de postes d'abonnés (26).

Fulltext Availability:

Claims

Claim

... set, and it executes said set as an assembled, machine language program in a fashion well known in the art.

Under control of said program instruction set and accessing the

subscriber's contained portfolio data file for information in a fashion well known in the art, microcomputer, 205, calculates the performance of the subscriber's stock portfolio and constructs a graphic...embodiment, said constant number is two, alv, headers consist of two bits binary information, and 102 commands are identified by one of three binary headers:

- a **command** with an execution segment alone; 00 - a **command** with execution and meter-monitor segments; and

.01 - a **command** with execution and meter-monitor segments that is followed by an information segment.

Execution segment information includes the subscriber station apparatus that the command of...the next signal word immediately following said signal word in which said last segment information bit occurs. (For reasons that relate to detecting end of **file** signals and are discussed more fully below, in the preferred embodiment a complete signal word of padding bits is transmitted after any given instance of...of file signal; in other words, said match means that an end of file signal has Sewenidetected.) Not resulting in a match causes said valve **automatically** to set the information of said EOFs Complete Flag to (Not resulting in a match means said

- EOFs WORD is not the last EOFs WORD...Location.

TO In this fashion, said valve processes each successive signal word to detect those particular uninterrupted series of EOFs WORDs that constitute end of **file** signals.

As described above, determining, under control of said process-EOFs-WORD **instructions**, that the value of the information at said EOFs Complete Flag is "0" means that an end of **file** signal has been detected. Determining, under control of said **instructions**, that said value is "0" causes said valve to execute particular complete-signal-detected **instructions**. Said **instructions** cause said valve to inform said external receiving apparatus of the presence of an end of **file** signal in a fashion that is the preprogrammed fashion of the microprocessor, buffer/comparator, or buffer of which said valve is an adapted component.

As...follows said X bits, continues through the last bit of said segment, and is, in the "One Combined Medium" application, the information of said program **instruction** set.

Automatically, SPAM-controller, 205C, executes said load-run 1/502 and-code **instructions**.

(No **change** takes place between controller, 39, and SPAM-controller, 205C, -in the information of the execution segment of the first combining synch **command**. Thus the binary image of the particular controlled-function-invoking information that said information matches at controller, 39- more precisely, the aforementioned particular this-message...valve.

Said instzm=tion causes said valve to set the information at saiWE01` S3WCSXtCounter to H00000000H without transferring any informatdmnri of said detected end of **file** signal; to initiate 101 #ransm±szAmTrt of the aforementioned complete-and-waiting information to the CPU of SPAM-controller, 205C, as an interrupt signal; and to wait for a control **instruction** from SPAM-controller, 205C, before processing next inputted information.

Then SPAM-controller, 205C, commences executing the code portion of said load-run-and-code **instructions**. The **instructions** of said portion cause SPAM-controller, 205C, to compare the information at said SPAM-header memory to particular load-run-and-code-header information that...

...results (which indicate that said first message contains meter-monitor information). Said match causes SPAM controller, 205C, to execute particular preprogrammed evaluate-meter-monitor-format **instructions** and locate program-un-it **instructions**. Under control of said **instructions** and in a fashion that is described more fully below, SPA-m-controller, 205C, locates the Hprogram unit identification codeH information in the information of the meter--monitor segment stored at said MMS-memory. Then said code, portion **instructions** cause SPAM-controller, 205C, to place said code information at particular SPAM-first precondition register memory. In so doing, SPAM-controller completes said load-run...value of the integer information at said working memory. (On the other hand, if the information at said SPAM-Flag-working memory is "i", said **command** information only partially fills the last of a whole number of signal words exactly; MOVE bits fill the remainder of the last of said words...Flag working memory to particular continueQ information that is "0").

Not resulting in a match means that, under control of 11.3 said commence-transfer **instructions**, controller, 39, has transferred all **command** information of said "00" header message and no possibility exists that a full signal word of padding bits ends said message. Accordingly, not resulting in...instance of broadcast programming. If, in a fashion described below, said specified information matches particular other unit and-number information, said conditional-overlay-at-205 **instructions** cause SPAM controller, 205C, so to execute "GRAPHICS ON". Accordingly, said second **command** is one example of a specified condition **command**.

In order to determine whether said specified information matches said other information, SPAM-controller, 205C, must locate said specified information. More precisely, SPAM-controller, 205C...from matrix switch, 39I, decryptor, 39K, decrypts said information, using decryption key Z, in the aforementioned 01-or-11-header-message fashion and transfers the **decrypted** 46 7' information to buffer, 39G. The aforementioned **decrypt** -in-a 01-or-11-header-message-fashion instruction causes decryptor, 39K, to transfer the first H bits received from matrix switch, 39I, without decrypting...all remaining command information and padding bits in said first message in the fashion that applies to a SPAM message that contains meter-monitor information. **Automatically**, control processor, 39J, receives and processes **decrypted** length token information. **Automatically**, control processor, 39J, receives and records additional SPAM signal words at said SPAM-input-signal memory until the quantity of SPAM words recorded at said...

5/5,K/8 (Item 6 from file: 349)
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00239614

INTELLIGENT PORTABLE INTERACTIVE PERSONAL DATA SYSTEM
SYSTEME PORTATIF, INTELLIGENT ET INTERACTIF DE DONNEES PERSONNELLES

Patent Applicant/Assignee:

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Inventor(s):

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Detailed Description

Claims

English Abstract

An intelligent portable interactive personal data system is disclosed. A microprocessor (1100) with memory is contained within a transaction card-shaped housing (10). An alphanumeric keypad (20) and alphanumeric display (25) is located on a surface (15) of the housing (10). At least one port (1190) within the housing (10) is provided for the input and output of information. An operating system is stored in the memory to control the operation of the system through the microprocessor (1100). The operating system provides a device (1115) for generating a plurality of messages on the display (25) that prompts the user during the operation of the system. Un systeme portatif, intelligent et interactif de donnees personnelles consiste en un microprocesseur (1100) avec memoire contenue dans un logement (10) en forme de carte de transaction. Un clavier alphanumerique (20) et un affichage alphanumerique (25) sont amenes sur une surface (15) du logement (10). Au moins un point d'accès dans le logement (10) est prevu pour l'entree et la sortie d'informations. Un systeme de fonctionnement est stocke dans la memoire pour commander le fonctionnement du systeme par l'intermediaire du microprocesseur (1100). Le systeme de fonctionnement utilise un dispositif (1115) produisant plusieurs messages sur l'affichage (25) et que l'utilisateur peut visualiser pendant le fonctionnement du systeme.

Fulltext Availability:

Detailed Description

Detailed Description

... may call individual routines to test the security for the commands, and then proceed with the command processing itself.

The selected command routine is then **accessed** by selecting the corresponding **command** routine in the OS.

In a preferred embodiment the following **commands** may be used to secure and **access** the **files** stored in memory INQUIRY - Get card type CREATE - Create file FIND - Find a named file WRITE - Write a data record WRITENC, - Write an encrypted data record WRITEK - Write key record READ DATA - Read a data...

...add more commands in the future, and to provide a means to add functions to existing cards, by using the memory to store user definable **subroutines**, (e.g. **encryption** algorithms, etc.). The INQUIRY command (FIG. 10H) returns information about the card. The data returned includes the revision level of the operating system, the card...

?

8/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:European Patents
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01095278

SYSTEM FOR INTERCEPTING FILE ACCESSES AND FOR AUTOMATIC DECRYPTION
AND RE- ENCRYPTION OF FILE DATA ON A PER-USE BASIS
SYSTEM ZUM AUFFANGEN VON DATEIZUGRIFFEN UND ZUM AUTOMATISCHEN ENTSCHLUSSELN
UND WIEDER-VERSCHLUSSELN VON DATEIDATEN AUF BENUTZUNGSBASIS
SYSTEME PERMETTANT D'INTERCEPTER DES ACCES DE FICHIER, DECRYPTAGE
AUTOMATIQUE ET RE-CRYPTAGE DES DONNEES D'UN FICHIER AU MOMENT DE SON
UTILISATION

PATENT ASSIGNEE:

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INVENTOR:

GRAWROCK, David, 8285 S.W. 184th, Aloha, OR 97007, (US)

PATENT (CC, No, Kind, Date):

WO 9949380 990930

APPLICATION (CC, No, Date): WO 99914891 990308; WO 99US5070 990308

PRIORITY (CC, No, Date): US 47316 980324

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-001/00

LANGUAGE (Publication,Procedural,Application): English; English; English

SYSTEM FOR INTERCEPTING FILE ACCESSES AND FOR AUTOMATIC DECRYPTION
AND RE- ENCRYPTION OF FILE DATA ON A PER-USE BASIS

8/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:European Patents
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00958619

Document delivery system

Dokumentenverteilungssystem

Systeme de distribution de documents

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PATENT (CC, No, Kind, Date): EP 869652 A2 981007 (Basic)

APPLICATION (CC, No, Date): EP 98105986 980401;

PRIORITY (CC, No, Date): US 829976 970401; US 832784 970404

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: H04L-029/06; G06F-017/30; G06F-017/60;

ABSTRACT WORD COUNT: 119

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9841	2320
SPEC A	(English)	9841	12699
Total word count - document A			15019
Total word count - document B			0
Total word count - documents A + B			15019

...SPECIFICATION The above described architecture for delivery also
facilitates security. A document can remain encrypted on the server until

a recipient presents a valid key to access and decrypt document . This key is presented as encoded in part of the PURL. Alternatively, the PURL specifies that a key must be retrieved, in which case the server requires that the recipient present a unique password to decrypt the document. In the first case, retrieval of the encrypted document is a one-step, automatic process because the key is encapsulated in the PURL.

PURL Implementation.

First, consider the potential construction of a PURL. The following diagram outlines one specific...

8/3,K/3 (Item 1 from file: 349)
DIALOG(R)File 349:PCT Fulltext
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00749027 **Image available**

UNIVERSAL SYNCHRONOUS NETWORK SYSTEM FOR INTERNET PROCESSOR AND WEB
OPERATING ENVIRONMENT
SYSTEME DE RESEAU SYNCHRONE UNIVERSEL POUR PROCESSEUR INTERNET ET
ENVIRONNEMENT DE FONCTIONNEMENT INTERNET

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200062470 A1 20001019 (WO 0062470)

Application: WO 2000US10101 20000414 (PCT/WO US0010101)

Priority Application: US 99129314 19990414; US 99417528 19991013; US

99444007 19991119; US 99170455 19991213; WO 68US42 20000315

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE
ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG
UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 89135

Fulltext Availability:

Detailed Description

Detailed Description

... a defined channel.

At the upper layers such as Application, Transport and Network ISO layers of the TCP/UDP/IP data messages, the data is encrypted and transported with a higher level E-DNA (Electronic - Deterrence Network Address Access) protocols. The average absolute and relative predictable time and the measured time...

8/3,K/4 (Item 2 from file: 349)
DIALOG(R)File 349:PCT Fulltext
(c) 2000 WIPO/MicroPat. All rts. reserv.

00701459 **Image available**

ENCRYPTION VIA USER-EDITABLE MULTI-PAGE FILE

CHIFFREMENT AU MOYEN DE FICHER A PAGES MULTIPLES MODIFIABLE PAR
L'UTILISATEUR

Patent Applicant/Assignee

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 0013162 A1 20000309 (WO 200013162)

Application: WO 99AU611 19990729 (PCT/WO AU9900611)

Priority Application: AU 985598 19980901

Designated States: AU US

Publication Language: English

Filing Language: English

Fulltext Word Count: 9112

Fulltext Availability:

Detailed Description

Detailed Description

... well-known Vernam One Time Pad Cipher to be the only theoretically
unbreakable cipher.") Basic manipulation of the Standard Operations Form
is described below.

To **Encrypt** a file quickly :- Click **Auto** Key. Then click **Edit** Key.

Then **change** some of the digits in the 90 digit panel. It is not
compulsory to change some of the digits, but it is wise to...

8/3,K/5 (Item 3 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00665088 **Image available**

**SYSTEM FOR INTERCEPTING FILE ACCESSES AND FOR AUTOMATIC DECRYPTION
AND RE- ENCRYPTION OF FILE DATA ON A PER-USE BASIS**

**SYSTEME PERMETTANT D'INTERCEPTER DES ACCES DE FICHIER, DECRYPTAGE
AUTOMATIQUE ET RE-CRYPTAGE DES DONNEES D'UN FICHIER AU MOMENT DE SON
UTILISATION**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9949380 A1 19990930

Application: WO 99US5070 19990308 (PCT/WO US9905070)

Priority Application: US 9847316 19980324

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Publication Language: English

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Fulltext Word Count: 21445

**SYSTEM FOR INTERCEPTING FILE ACCESSES AND FOR AUTOMATIC DECRYPTION
AND RE- ENCRYPTION OF FILE DATA ON A PER-USE BASIS**

Fulltext Availability:

Detailed Description

Claims

English Abstract

The invention provides an improved, machine-implemented method and
apparatus for **automatic decryption** of file data on a per-use basis
and **automatic** , optionally-delayed, re-**encryption** within the context
of a multi-threaded operating system under which applications run in
real-time where further provisions are made for preventing unauthorized
applets...

...access either at all or within a specified time period. Program

Inclusion or Exclusion Lists and/or program-approving algorithms are

employed for automatically denying **access** to **files** if requested via programs (e.g., applets) whose names are not identified for approval by a program-approving list or whose names are not otherwise...

...of the requested file). Such program- directed protection is referred to herein as "bubble protection" because only programs within an approved bubble are allowed intelligible **access** to **files** via the OTF decryption mechanism. In addition to excluding unauthorized programs from **access** to **files** via the "on-the-fly decryption" mechanism, the **access** rights to each specific **file** are further guarded. Individual users are asked to provide their respective "private" keys before being given **access** to a **file**'s **access** key. A user may have logged into the system but not given permission to use his/her "private" key at the time connection is made...

Detailed Description

SYSTEM FOR INTERCEPTING **FILE** **ACCESSES** AND FOR **AUTOMATIC** **DECRYPTION** AND

RE-**ENCRYPTION** OF **FILE** DATA ON A PER-USE BASIS

BACKGROUND

1. Field of the Invention

The invention relates generally to the field of securing stored digital data from unauthorized...M completes, the OS kernel 134 will be asked to 'terminate' that application program.

In accordance with the invention, the interceptable CALL's to the **file** - **OPEN** and **file** -**CLOSE** services of the operating system are intercepted and acted upon to provide **automatic** and selective, 'on-the-fly **recryption**'. The interceptable CALL's to the program **LAUNCH** and program-**TERMINATE** services of the operating system are also intercepted and acted upon to provide specialized...

...arrow-headed symbol 174 represents the respective, apparent decryption of file data section 161b to phantom plaintext area 161d during the intercepted CALL to the **file** -**OPEN** service, the actual decryption of samplings of **file** data section 161b to real plaintext area 175 during the CALLs to read primitives of the OS, the actual encryption of samplings of real plaintext...special handling for the program-**LAUNCH** and program- **TERMINATE** services may be found in the above-cited, U.S. Patent 5,699,428 (SYSTEM FOR **AUTOMATIC** **DECRYPTION** OF **FILE** DATA ON A PER USE BASIS AND **AUTOMATIC** RE-**ENCRYPTION** WITHIN CONTEXT OF MULTI-THREADED OPERATING SYSTEM UNDER WHICH APPLICATIONS RUN IN REAL-TIME) and these need not be repeated here.

What is of importance...

Claim

... the files stored in said memory [1501 and for causing the decrypting mechanism [2401 to decrypt data contained in the selected file [161] and for **automatically** later eliminating the **decrypted** data, (c.1) wherein said decryption control means is responsive to a supplied exclusion list [1561, the exclusion list identifies one or more files in...

...1531 that are not to be selected by the decryption control means for decryption, and the decryption control means accordingly does not select the excluded **files** for decryption by the decrypting mechanism; (d) an interceptable **access** mechanism [1811 through which data of an identified **file** is **accessed** by identifiable, requesting programs; (e) bubble-control means [154,162,2021 coupled to intercept [2011 data access attempts made through said interceptable access mechanism by...

...wherein the bubble-control means includes deny/approve means [400,457a,4231 for testing the intercepted data access attempts and responsively denying or approving data **access** to the data of an identified subset of said **files** based on the identity of one or more **access** -attempting programs, and (e.2) wherein a denial [2051 by the bubble-control means prevents the decrypting mechanism [2401 from decrypting data contained in the corresponding one or more **files** for

which access was attempted.

29. A machine system [1001 according to Claim 28 further comprising: (g) an encrypting mechanism [4801 for encrypting plaintext data into ciphertext data...

...data contained in the selected file [1611.

30. In an automated machine [1001 for executing one or more application programs [1701, where the application programs access file data of a plurality of stored files [153,1611 by causing interceptable file - OPEN requests [1831 and file -CLOSE requests [1831 to be sent to an operating system of said machine, and where data within a subset of the plurality of stored files is encrypted; an automatic bubble -protecting and decryption control mechanism [2001 comprising:

(a) OPEN intercept means [2011 for intercepting said interceptable file-OPEN requests; (b) selective OPEN continuance means [202,210,212,2141...

8/3,K/6 (Item 4 from file: 349)
DIALOG(R)File 349:PCT Fulltext
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00632801

INTEGRATED BUSINESS SYSTEM FOR WEB BASED TELECOMMUNICATIONS MANAGEMENT
SYSTEME D'ECHANGES COMMERCIAUX INTEGRES POUR LA GESTION DE
TELECOMMUNICATIONS SUR LE WEB

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Priority Application: US 9760655 19970926

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LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 91547

Fulltext Availability:

Detailed Description

Detailed Description

... HTTPS request, adding an additional level of security to the overall process.

As illustrated in Figure 2, after one of the DMZ Web servers 24 **decrypts** and verifies the user session, it forwards the message through a firewall 55 25b over a TCP/IP connection 23 to the dispatch server 26... 2482 is available to designate this new query as the Default Q~iery. To retrieve a saved query, e.g., upon selection of the 50 "File /Open /Query" from the menu bar 2410, an "Aen Q--ery" window such as the example window 2485 shown in Figure 25(h) is...

8/3,K/7 (Item 5 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00593255

BIOMETRIC INPUT WITH ENCRYPTION

ENTREE BIOMETRIQUE CHIFFREE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9838567 A1 19980903

Application: WO 98CA162 19980226 (PCT/WO CA9800162)

Priority Application: US 97808863 19970228

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Publication Language: English

Filing Language: English

Fulltext Word Count: 8188

Fulltext Availability:

Detailed Description

Detailed Description

... the form of fingerprints is known in the art. When a match is established, an encryption and decryption key associated with the matching data is **automatically** provided to an **encryption** and **decryption** system for encrypting **files** for storage and for decrypting **files** for **access**. When no match is established, the biometric input information is evaluated.

When the biometric input information exceeds a predetermined threshold, a default key is automatically...

8/3,K/8 (Item 6 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00525332 **Image available**

SYSTEM FOR DECRYPTION AND RE-ENCRYPTION OF FILES

SYSTEME DE DECRYPTAGE ET DE RE-CRYPTAGE DE FICHIERS

Patent Applicant/Assignee:

SYMANTEC CORPORATION

Inventor(s):

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LOHSTROH Shawn

GRAWROCK David

Patent and Priority Information (Country, Number, Date):

Patent: WO 9726736 A1 19970724

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Priority Application: US 96586511 19960116

Designated States: CA JP BE CH DE DK ES FI FR GB GR IE LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 22264

Fulltext Availability:
Detailed Description
Claims

English Abstract

A machine system (100) for **automatic decryption** of confidential file data on a per-use basis and **automatic** later elimination of the **decrypted** data by scorching and/or re-encrypting is disclosed. The following features are provided for secure and **automatic reryption** : (1) use of file-exclusion lists; (2) use of application-program exclusion lists; (3) decrypting as needed in response to intercepted file **-OPEN** requests; (4) encrypting as needed in response to intercepted file **-CLOSE** requests; (5) delaying post-CLOSE encryption.

Detailed Description

... such 'in-the-clear, time is also minimized.

This is easily said. The technical problems, however, include questions such as: How does the machine system **automatically** determine if and when **encryption** , **decryption** or re-encryption of the data of a particular one or more files is needed? How does the machine system carry out such functions without...

...these functions carried out within the context of an operating system (OS) , especially a multi-threaded OS? What happens if the system administrator wishes to **access** secured files for backup or other administration related purposes? A third, previously-available security system answers ...DOSm or MS-Windows' environment (both of the latter being trademarked products of Microsoft Corp. of Redmond, Wash.) .

The SAFE" system maintains a so-called '**opened** secured-files list, on which there is recorded a list of all files that have been **opened** and for whose data **automatic decryption** is to be carried out after each corresponding DOS READ operation and for which re-encryption is to be carried out before each corresponding DOS...

...use the DOS file-READ or file-WRITE functions.

Another drawback of the SAFETK system arises from the fact that each to-be-secured file must be positively listed in its '**opened** secured-files list'. If a file name is inadvertently left off the list, that file escapes the **automatic decrypt** and re-**encrypt** functions of the SAFE" system and the security of the system is thereby compromised. (A file may be inadvertently left off the **opened** secured-files list, for example, because of an error in the manually created 'encryption rules file,.) Yet another drawback of the SAFEm system arises from the fact...temporarily posted onto a temporary exclusion list. one further, but important example of where a temporary exclusion list may be used is for excluding from **automatic encryption** , **decryption** and re-**encryption** , the so-called 'scratch' files that are created by the operations of the **automatic encryption** , **decryption** and -ll re-**encryption** procedures. (The **automatic encryption** , **decryption** and re-**encryption** procedures are otherwise, collectively, referred to herein as 'on-the-fly reryption' or IOTF reryption'.) If, within 'on-the-fly reryption', each creation of a scratch file were allowed to itself **automatically** invoke another level of OTF **encryption** , **decryption** and re-encryption, then an endlessly recursive process may undesirably develop within the machine. To prevent this from happening, scratch files that are created or **opened** by the operations of the OTF reryption procedures may be listed on an 'On-the-fly Temporary Exclusion List' (OTEL) .

(2) Recrypt Exclusion Lists for Special Application ProcTrams A second feature in accordance with the invention deals with excluding from on-the-fly **reryption** ' (from the **automatic encryption** , **decryption**

and re-encryption procedures) those file access requests that are attributed to special application programs, such as backup programs, where use of the file can be constrained entirely to its encrypted form

...permanent or temporary, exclude from on-the-fly re-encryption, list for programs can be created to correspondingly exclude on a permanent or temporary basis, from automatic re-encryption all files accessed by the listed special application programs without specifically listing those files. This is an alternative or supplement to using one of the Exclusion Lists for Files.

-CIL Intercept File -CLOSE and File -OPEN Requests A third feature in accordance with the invention is that first-time file encryption, and subsequent file re-encryptions, are preferably performed in response...

...intercepted and corresponding file-OPEN requests issued by an authorized source (e.g., an authorized user) rather than in response to each intercepted and corresponding file -READ request.

The File -CLOSE and file -OPEN requests are generally issued less frequently to ...and re-encryption are also performed less frequently. As a general rule, this has less of a negative impact on system performance speed than does automatic (but selective) decryption and re-encryption in response to each respective file-READ and file-WRITE request.

A further facet of the second feature of the invention is that interception of file access request made by the file encryption process. As such, the attempted file encryption will fail and the file may escape the protection afforded by automatic encryption.

To avoid such an undesirable consequence, provisions are made for intercepting the OS message respecting the failed encryption attempt and for re-posting to a...M completes, the OS kernel 134 will be asked to 'terminate, that application program.

In accordance with the invention, the interceptable CALL's to the file -OPEN and file -CLOSE services of the operating system are intercepted and acted upon to provide automatic and selective, 'on-the-fly re-encryption'. The interceptable CALL's to the program LAUNCH and program-TERMINATE services of the operating system are also intercepted and acted upon to provide specialized...

Claim

... file-CLOSE requests Lzo31 to be sent to an operating system of said machine, and where data within a subset of the plurality of stored files is encrypted; an automatic decryption control mechanism [2001 comprising:

(a) OPEN intercept means [2011 for intercepting said interceptable file -OPEN requests; (b) selective OPEN continuance means [2.10,212,2141 ...within the requested file into plaintext data.

5. In an automated machine Lzoo] for executing one or more application programs [1701, where the application programs access file data of a plurality of stored files U53, .zal by causing interceptable file -OPEN requests Eiaz] and interceptable file -CLOSE requests [1831 to be sent to an operating system of said machine, and where data within a subset of the plurality of stored files is encrypted; an automatic plaintext eliminating mechanism [4001 comprising:

(a) CLOSE intercept means [4011 for intercepting said interceptable file-CLOSE requests; (b) selective CLOSE continuance means (4.20,4...

00431955 **Image available**

SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION

SYSTEMES ET PROCEDES DE GESTION SECURISEE DE TRANSACTIONS ET DE PROTECTION ELECTRONIQUE DES DROITS

Patent Applicant/Assignee:

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Inventor(s):

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Priority Application: US 95388107 19950213

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB

GE HU IS JP KE KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO

RU SD SE SG SI TM TR TT UA UG UZ VN KE LS MW SD SZ UG AZ BY KG KZ RU TJ

TM AT BE CH DE FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML

MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 205184

Fulltext Availability:

Detailed Description

Detailed Description

... cost-effective to physically secure secondary storage 652 in many implementations, secondary storage 652 may be used to store information in a secure manner by **encrypting** information before storing it in secondary storage 652. If information is encrypted before it is stored, physical access to secondary storage 652 or its contents...500. A host system hard disk secondary memory 652 used for general purpose file storage can, for example, also be used to store VDE management files 610.

SPU 500 may be given exclusive **access** to the external memory (e.g., over a local bus high speed connection provided by BILJ 530). Both dedicated and shared external memory may be...to the smallest sub-element using a flexible control structure. ROS 602 can, for example, control the printing of a single paragraph out of a **document file**.

ROS 602 provided by the preferred embodiment permits secure **modification** and update of control information governing each component. The control information may be provided in a template format such as method options to an end...

8/3,K/10 (Item 8 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00424574

SECURITY SYSTEM FOR INTERCONNECTED COMPUTER NETWORKS

SYSTEME DE SECURITE POUR RESEAUX INFORMATIQUES INTERCONNECTES

Patent Applicant/Assignee:

MATSUSHITA ELECTRIC CORPORATION OF AMERICA

Inventor(s):

GELB Edward J

Patent and Priority Information (Country, Number, Date):

Patent: WO 9618253 A1 19960613

Application: WO 95US7285 19950608 (PCT/WO US9507285)

Priority Application: US 94350541 19941207

Designated States: AU CA CN JP KR MX RU SG AT BE CH DE DK ES FR GB GR IE IT

LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 4556

Fulltext Availability:
Detailed Description

Detailed Description

... screening and examination software; password software, which identifies potential holes in network security by scanning user and supervisor accounts for known weak passwords and allows **encryption**; **auto** logout software for inactive workstations; security and access auditing software, which allows auditing of specific users and workstations as well as directory and **file access** on the public network side, and also provides is encryption between similarly configured security services on user workstations. Preferably, software that allows simultaneous encryption and...

8/3,K/11 (Item 9 from file: 349)
DIALOG(R)File 349:PCT Fulltext
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00387590

COMPUTER SYSTEM INCLUDING A TRANSPARENT AND SECURE FILE TRANSFORM MECHANISM
SYSTEME INFORMATIQUE COMPRENANT UN MECANISME DE TRANSFORMATION TRANSPARENTE
ET SURE DE FICHIERS

Patent Applicant/Assignee:

HSU Mike Sheng Con

Inventor(s):

HSU Mike Sheng Con

Patent and Priority Information (Country, Number, Date):

Patent: WO 9518496 A1 19950706

Application: WO 94US14486 19941215 (PCT/WO US9414486)

Priority Application: US 93175192 19931227

Designated States: AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 10263

Fulltext Availability:
Detailed Description

Detailed Description

... at the basic I/O system (BIOS) level of an operating system. This routine provides for the simple selective re-vectoring of the lowest level **file** transfer BIOS functions, specifically the floppy diskette access operations, through a **file encryption** routine. The entire **file** is **automatically encrypted** or **decrypted** when written or read from, the diskette. In addition, a global "decryptiOn flag, H is stored uniquely in the computer memory and not with the diskette...

File 2:INSPEC 1969-2000/Dec W2
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 File 8:EI Compendex(R) 1970-2000/Nov W3
 (c) 2000 Engineering Info. Inc.
 File 6:NTIS 1964-2000/Dec W5
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 File 99:Wilson Appl. Sci & Tech Abs 1983-2000/Oct
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 File 77:Conference Papers Index 1973-2000/Sep
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 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
 File 34:SciSearch(R) Cited Ref Sci 1990-2000/Dec W1
 (c) 2000 Inst for Sci Info
 File 108:AEROSPACE DATABASE 1962-2000/DEC
 (c) 2000 AIAA
 File 233:Internet & Personal Comp. Abs. 1981-2000/Dec
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Set	Items	Description
S1	82614	(OPEN? OR CHANG? OR EDIT? OR MODIF? OR ACCESS? OR READ? OR WRIT?) (10N) (DOCUMENT? OR FILE OR FILES)
S2	795673	AUTOMATIC? OR AUTO OR (WITHOUT OR NO OR "NOT" OR NON) (3N) (- HUMAN OR USER? ? OR OPERATOR?) (3N) (INTERVEN? OR INPUT? OR ACTION? OR ACTIVIT? OR INITIAT? OR REQUEST? OR COMMAND? OR INSTRUCTION?) OR SUBROUTINE? OR SUB()ROUTINE?
S3	134709	ENCRYPT? OR DECRYPT? OR ENCIPHER? OR DECIPHER? OR ENCYPHER? OR DECYPHER? OR CYPHER? OR CIPHER? OR CRYPT? OR SECRET()KEY?? OR KEY()VALUE? ? OR RECRYPT? OR RECIPHER? OR RECYPER?
S4	18	S1 AND S2(5N)S3
S5	18	RD (unique items)
S6	17	S5 NOT CY, PY=1999:2000 (Reviewed Titles)
S7	0	AU=(MAHNE C? AND ZIZZI S? AND VON BURNS S? AND TOWNSLEY K?)
S8	6	AU=(MAHNE C? OR ZIZZI S? OR VON BURNS S? OR TOWNSLEY K?)
S9	0	S8 AND S2(S)S3
S10	0	S8 AND S3
S11	5	RD S8 (unique items)

6/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

03142518 INSPEC Abstract Number: C88035396

Title: Technical evaluation of SecretDisk (encryption package)

Author(s): Jackson, K.

Journal: Computer Fraud & Security Bulletin vol.10, no.2 p.7-10

Publication Date: Dec. 1987 Country of Publication: UK

CODEN: CFSBEK ISSN: 0142-0496

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: SecretDisk provides **automatic encryption** of files stored on a specially prepared area of a disk. SecretDisk addresses the problem: how to stop an unwanted person inspecting the contents of a disk. When initialized, SecretDisk constructs a hidden file on a disk, and provides the necessary device drivers to persuade the operating system that this is a new drive. Files stored by SecretDisk appear to come from a special drive where they are always stored in encrypted form. As all files on this drive are encrypted, the usual problem of securing temporary files and overlays does not exist. All data is encrypted before being **written to file**, and decrypted on retrieval from **file**. The only **changes** needed to the existing system are some special device drivers and the apparent existence of drives D:, E:, etc. Other features of this encryption package are evaluated. (0 Refs)

Subfile: C

Descriptors: cryptography; IBM computers; magnetic disc storage; software packages

Identifiers: technical evaluation; disk protection; lattice; **automatic encryption**; specially prepared area; unwanted person; SecretDisk; hidden file; device drivers; operating system; special drive; encrypted form; temporary files; decrypted; retrieval; encryption package

Class Codes: C0310D (Installation management); C6130 (Data handling techniques)

6/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2000 Institution of Electrical Engineers. All rts. reserv.

02407025 INSPEC Abstract Number: C85016252

Title: WordPerfect

Author(s): Birmele, R.

Journal: BYTE vol.9, no.13 p.277-88

Publication Date: Dec. 1984 Country of Publication: USA

CODEN: BYTEDJ ISSN: 0360-5280

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: WordPerfect runs on the IBM PC (and its clones), the Victor 9000, the DEC Rainbow 100, the Zenith Z-100, and the Tandy 2000. WordPerfect is actually a collection of several closely integrated programs, including a bundled 30000-word dictionary with room for 10000 user-included words, and extensive mathematical and merge functions. It provides automatic text reformatting, **automatic** footnotes, proportional spacing, document **encryption**, and macro instructions. The package comes on two non-copy-protected disks: one contain the program and supporting **files** and the other contains the dictionary. A comprehensive, well-**written** tutorial/reference-style manual is also included. (0 Refs)

Subfile: C

Descriptors: microcomputer applications; software packages; word processing

Identifiers: mathematical functions; word processing package; IBM PC; Victor 9000; DEC Rainbow 100; Zenith Z-100; Tandy 2000; WordPerfect; integrated programs; dictionary; merge functions; automatic text reformatting; automatic footnotes; proportional spacing; document encryption; macro instructions; manual

Class Codes: C7106 (Word processing)

6/5/3 (Item 3 from file: 2)
DIALOG(R) File 2:INSPEC
(c) 2000 Institution of Electrical Engineers. All rts. reserv.

02270640 INSPEC Abstract Number: C84030551

Title: Data processing security

Author(s): Cros, J.-F.

Journal: Mesures vol.49, no.4 p.21-5

Publication Date: 19 March 1984 Country of Publication: France

CODEN: MSRSET ISSN: 0755-219X

Language: French Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The vulnerability of computer systems to fraudulent manipulation is highlighted and the problems of data protection are categorised under the headings of continuity, confidentiality and integrity. The causes and consequences of mains power supply disturbances are tabulated. Different levels of protection appropriate to large personal data banks and business management files are discussed. Safety measures mentioned include physical access control and storage protection, automatic identification and passwords, encryption, and software separation of sensitive information with complex coding at the various levels of software. Program piracy and countermeasures are mentioned and the Data Encryption Standard for secure transmission is outlined. (0 Refs)

Subfile: C

Descriptors: security of data

Identifiers: data processing security; computer systems; data protection; business management files; physical access control; automatic identification; passwords; encryption; software separation

Class Codes: C6130 (Data handling techniques)

6/5/4 (Item 1 from file: 8)
DIALOG(R) File 8:Ei Compendex(R)
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03919921 E.I. No: EIP94011191057

Title: Cryptographic file system for Unix

Author: Blaze, Matt

Corporate Source: AT&T Bell Lab, Holmdel, NJ, USA

Conference Title: Proceedings of the 1st ACM Conference on Computer and Communications Security

Conference Location: Fairfax, VA, USA Conference Date: 19931103-19931105

Sponsor: ACM SIGSAC

E.I. Conference No.: 19817

Source: 1st ACM Conference on Computer and Communications Security Proc 1st ACM Conf Comput Commun Secur 1993. Publ by ACM, New York, NY, USA. p 9-16

Publication Year: 1993

ISBN: 0-89791-629-8

Language: English

Document Type: CA; (Conference Article) Treatment: T; (Theoretical)

Journal Announcement: 9409W5

Abstract: Although cryptographic techniques are playing an increasingly important role in modern computing system security, user-level tools for encrypting file data are cumbersome and suffer from a number of inherent vulnerabilities. The Cryptographic File System (CFS) pushes encryption services into the file system itself. CFS supports secure storage at the system level through a standard Unix file system interface to encrypted files. Users associate a cryptographic key with the directories they wish to protect. Files in these directories (as well as their pathname components) are transparently encrypted and decrypted with the specified key without further user intervention; cleartext is never stored on a disk or sent to a remote file server. CFS can use any available file system for its underlying storage without modification, including remote file servers such as NFS. System management functions, such as file backup, work in a normal manner and without knowledge of the key. This

paper describes the design and implementation of CFS under Unix. Encryption techniques for file system-level encryption are described, and general issues of cryptographic system interfaces to support routine secure computing are discussed. (Author abstract) 8 Refs.

Descriptors: *File organization; Cryptography; UNIX; Security of data; User interfaces; Data storage equipment; Computer systems; Data processing; Algorithms; Computer software

Identifiers: Cryptographic file systems; System management functions; File backup; File system level encryption

Classification Codes:

723.2 (Data Processing); 722.3 (Data Communication, Equipment & Techniques); 722.1 (Data Storage, Equipment & Techniques); 723.1 (Computer Programming)

723 (Computer Software); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING)

6/5/5 (Item 1 from file: 99)

DIALOG(R) File 99:Wilson Appl. Sci & Tech Abs

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1313472 H.W. WILSON RECORD NUMBER: BAST96018757

Crypto Backup and key escrow

Maher, David Paul;

Communications of the ACM v. 39 (Mar. '96) p. 48-53

DOCUMENT TYPE: Feature Article ISSN: 0001-0782 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: Part of a special section on key escrow systems. A new **automatic** backup mechanism for **cryptographic** keys is described. The proposed method is able to recover keys that have been lost, destroyed, or withheld from legitimate access. In addition, it has the advantages of being usable for message keys as well as for file and session keys and being sufficiently flexible to support a variety of trust models and cryptographic policies. The straightforward method for diluting trust in the system means that backup agents do not need to reconstruct a key or have **access** to recovered **files**. In addition, the method can be implemented in software and hardware and can be extended to key escrow applications in which the law enforcement concerns are of great importance. The implementation of a corporatewide policy requiring users to retain reasonable control over the backup process while meeting the concerns of law enforcement is suggested. System scenarios, components, properties, and technical details are also described.

DESCRIPTORS: Cryptographic keys;

6/5/6 (Item 1 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.

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00516424 98PM12-016

Watch your back -- SecureWin Technologies SecureWin Desktop 2.0

Bass, Gordon

PC Computing , December 1, 1998 , v11 n12 p136, 1 Page(s)

ISSN: 0899-1847

Company Name: SecureWin Technologies

Product Name: SecureWin Desktop 2.0

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible

Geographic Location: United States

Presents a favorable review of SecureWin Desktop 2.0 (\$50 street), file encryption software for IBM PC compatibles from SecureWin Technologies (800). Features secure booting with password protection, multiple security accounts (with varying levels of **access** for different people), and **automatic file encryption and decryption**. Provides a self-destruct

feature that deletes files automatically when someone enters the wrong password a prescribe number of times. Offers encrypted e-mail for mail programs tha support S/MIME. Concludes that SecureWin Desktop 2.0 provides comprehensive security for almost any PC use. Rated four out of f stars. Contains one screen display and one product summary guide. (HHW)

Descriptors: Security; File Management; Encryption; Electronic Mail
Identifiers: SecureWin Desktop 2.0; SecureWin Technologies

6/5/7 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00508226 98SA09-002

All around network security that delivers -- Secure and manage your Windows NT laptops and workstations with AXENT Technologies OmniGuard/PCShield 2.0, which provides...

Kawamoto, Wayne N

Security Advisor , September 1, 1998 , v1 n3 p24-27, 3 Page(s)

ISSN: 1095-2942

Company Name: AXENT Technologies

URL: <http://www.axent.com>

Product Name: OmniGuard/PCShield 2.0

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows 95; Microsoft Windows NT

Geographic Location: United States

Presents a favorable review of OmniGuard/PCShield 2.0 (\$89 per workstation), a file encryption program from AXENT Technologies, Inc. of Rockville, MD (800, 301). Runs on IBM PC compatibles with Windows 95 or Windows NT. Explains that this software offers control over file and program access , and provides encryption and lockout tools to prevent unauthorized data access. Adds that OmniGuard/PCShield's security methods are transparent to users, automatically apply encryption , and handle file and application access . Notes that the program's security database tracks all the information relating to user accounts, group profiles, file a and audit settings. Reports that PCShield provides impressive, comprehensive security coverage. Adds that it has understandable administrator tools and it offers multiple levels of encryption. However, says OmniGuard/PCShield needs wizards for easier setup. Includes two screen displays. (jo)

Descriptors: Encryption; Cryptology; Security; Disk Files; Network Management; Administration; Networks

Identifiers: OmniGuard/PCShield 2.0; AXENT Technologies

6/5/8 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
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00480994 97IE12-007

Tales from the (en)crypt -- PGP for Personal Privacy 5.0

Loeb, Larry

Internet World , December 1, 1997 , v8 n12 p46, 1 Page(s)

ISSN: 1081-3071

Company Name: Pretty Good privacy

URL: <http://www.pgp.com>

Product Name: PGP for Personal Privacy 5.0

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): A

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows 95; Microsoft Windows NT; Macintosh

Geographic Location: United States

Presents a very favorable review of PGP for Personal Privacy 5.0 (\$69; \$49 online), an upgrade to the Pretty Good Privacy encryption software from

Pretty Good Privacy I (650). Explains that the program is designed to automatically encrypt documents for transmission over unsecured networks and/or the Internet. Adds that it is also capable of validating the identity of the sender. Calls it a simple, easy to use process. Notes that the documentation is well-written and easy to understand. Reports no significant complaints. Mentions that a competing product is expected to be released shortly. Concludes that this "is a major enhancement to an already useful utility and well worth the purchase price." Includes one screen display and one product summary. (kgh)

Descriptors: Security; Cryptology; Data Transmission; Privacy
Identifiers: PGP for Personal Privacy 5.0; Pretty Good privacy

6/5/9 (Item 4 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00477142 97IE11-006

Backing up on the Web -- Atrieva 1.0

Stevenson, Ted

Internet World , November 1, 1997 , v8 n11 p46-48, 2 Page(s)

ISSN: 1064-3923

Company Name: Atrieva

Product Name: Atrieva 1.0

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows 95; Microsoft Windows NT

Geographic Location: United States

Presents a favorable review of Atrieva 1.0 (\$14.95 per month), an Internet-based backup and file repository service from Atrieva Corp. (888, 206). Explains that this service provides a remote backup site for files to be stored and retrieved from any location. Claims that it provides an easy-to-use secure backup system with unlimited storage capacity and easy retrieval. Includes automatic virus scans and data encryption, as well as scheduled backup routines. Points out that it is a good alternate storage system for use with laptop computers, or for someone who needs access to the same files on both a desktop and a laptop on the road. Complains that backup and retrieval times can be adversely affected by the amount of traffic on the Internet at the time and performance can depend on the status of the user's Internet service. Concludes that this is a good backup alternative. Includes one screen display and one product summary. (kgh)

Descriptors: Backup; Internet; Information Storage; Information Retrieval; Remote Computing; Lap-sized Microcomputer; Cryptology

Identifiers: Atrieva 1.0; Atrieva

6/5/10 (Item 5 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00474081 97DW10-007

Put your personal data under lock and key -- PCCrypto from McAfee quickly provides protection for your desktop data and e-mail

Cobb, Michael

Databased Web Advisor , October 1, 1997 , v15 n10 p72-75, 4 Page(s)

Company Name: McAfee Associates

Product Name: PCCrypto 1.0.1 for Windows

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

Geographic Location: United States

Presents a favorable review of PCCrypto 1.0.1 for Windows (\$65), an encryption program from McAfee Associates of Santa Clara, CA (408). Says it is a general-purpose tool that protects data and e-mail correspondence.

Adds that it creates self-extracting encrypted files, encrypts clipboard data, and comes with a wipe function that is a must for anyone who is serious about data security. However, says it lacks an **auto-encrypt** facility, and its **encrypted files** cannot be **opened** from Explorer. Calls it very functional. Includes three screen displays, a summary card, and a report card. (dpm)

Descriptors: Cryptology; Electronic Mail; Security; File Management
Identifiers: PCCrypto 1.0.1 for Windows; McAfee Associates

6/5/11 (Item 6 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00439143 96IW10-222

A look into Your Eyes Only file protection system -- Despite no individual file protection, its strong cryptography a good start

Peschel, Joe

InfoWorld , October 21, 1996 , v18 n43 p97, 1 Page(s)

ISSN: 0199-6649

Company Name: Symantec

Product Name: For Your Eyes Only 4.0 for Windows 95

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

95

Geographic Location: United States

Presents a favorable review of Your Eyes Only 4.0 for Windows 95 (\$90), a security utility program from Symantec Corp. of Cupertino, CA (800, 541). Says it provides an assortment of strong cryptographic algorithms as well as a mechanism that can block unauthorized **access** to files. Adds that it supports several users, has **automatic file encryption and decryption**, and can securely wipe files. However, says it lacks solid individual **file read /write** protection, could have stronger secure delete, and its BookLock function can be bypassed. Calls it a good security tool. Includes a screen display, a chart, and a summary card. (dpm)

Descriptors: Security; Software Review; Window Software; File Management; Cryptology; Utility Program

Identifiers: For Your Eyes Only 4.0 for Windows 95; Symantec

6/5/12 (Item 7 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00438742 96PM10-015

Keep your data to yourself

Polito, Julie

PC/Computing , October 1, 1996 , v9 n10 p98, 1 Page(s)

ISSN: 0899-1847

Company Name: Symantec

Product Name: Your Eyes Only

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: Microsoft Windows; 486-based PC

Geographic Location: United States

Presents a favorable review of Symantec Norton Your Eyes Only (\$89), a security program from Symantec Corp. (800). The program secures everything on the user's system. It provides a BootLock feature which requires a password to start the system and its ScreenLock features asks for the password again after a set amount of system inactivity. It can encrypt or decrypt files using RSA **encryption** and its SmartLock folder provides **automatic encryption and decryption of files** each time they are **opened** or closed. The entire program is customizable and it produces an emergency disk which the user can use in the event he or she forgets the password. The program does not provide **auto-encryption** of shared

drives but other wise provides complete security for as and system access . The program requires a 486-based PC or better with 8MB RAM, 6MB hard disk space, and Windows 95. Includes one screen display. (djd)

Descriptors: Security; Software; Window Software

Identifiers: Your Eyes Only; Symantec

6/5/13 (Item 8 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00328058 93BY10-018

DataEase for Windows 1.1 -- Personal databases

Trask, Matt; Sorensen, Don

BYTE , October 1, 1993 , v18 n11 p127, 1 Page(s)

ISSN: 0360-5280

Company Name: DataEase International

Product Name: DataEase Express for Windows

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: Microsoft Windows

Geographic Location: United States

Presents a favorable review of DataEase Express for Windows 1.1 (\$395), a personal database from DataEase International Inc. of Trumbull, CT (203). Runs on 80286-based or better machines with 2MB of RAM or more, a mouse, Windows, and 6MB of hard drive space. Says DataEase Express for Windows features password protection, file encryption, read-only fields, automatic record locking, and DDE and OLE support. Also says the program allows for wild card searches and searches with Soundex references. Includes a photo and a screen display. (tbc)

Descriptors: Data Base Management; Software Review; Window Software

Identifiers: DataEase Express for Windows; DataEase International

6/5/14 (Item 9 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00312808 93PK05-330

New PIMs tout next-generation features -- Jensen-Jones' Commence gains network links, database-synchronization features

Bowen, Ted Smalley

PC WEEK , May 17, 1993 , v10 n19 p24, 1 Page(s)

ISSN: 0740-1604

Company Name: Jensen-Jones

Product Name: Commence

Languages: English

Document Type: Product Announcement

Geographic Location: United States

Reports that Jensen-Jones of Red Bank, NJ, announced the release of Commence 2.0 (\$395), a high-end personal information manager. Says that Commence allows users to share files among networked PCs running Novell's NetWare, Artisoft's LANtastic, and Microsoft's Windows for Workgroups. Includes SyncLink, a utility that creates a compressed, encrypted file of the changes and automatically routes it to designated Commence databases. (cnr)

Descriptors: Personal Information Manager; Networks; Window Software

Identifiers: Commence; Jensen-Jones

6/5/15 (Item 10 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00194287 89MW06-024

Empower 2.0

Stevens, Lawrence

it is not copy protected. Says that it requires 128K RAM, one floppy disk drive, one hard disk drive, and DOS 2.0 or later. Editor's Choice.

Descriptors: SECURITY; SOFTWARE REVIEW

Identifiers: Protec; Sophco; IBM

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